

Delegate Handbook

23

ANNUAL SCIENTIFIC MEETING

ESA-SRB

IN CONJUNCTION WITH ENSA

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TABLE OF CONTENTS

| | |
|---|-----------|
| TABLE OF CONTENTS | 3 |
| WELCOME FROM THE PRESIDENTS | 4 |
| SOCIETY SECRETARIATS | 4 |
| ESA-SRB 2023 PROGRAM ORGANISING COMMITTEE | 5 |
| ESA-SRB 2023 LOCAL ORGANISING COMMITTEE | 5 |
| ESA-SRB 2023 EARLY CAREER INVESTIGATOR COMMITTEE | 5 |
| ESA PROGRAM COMMITTEE MEMBERS | 5 |
| ENSA PROGRAM COMMITTEE MEMBERS | 6 |
| ESA ABSTRACT REVIEWING COMMITTEE | 6 |
| SRB ABSTRACT REVIEWING COMMITTEE | 7 |
| ENDOCRINE SOCIETY OF AUSTRALIA (ESA) | 9 |
| Office Bearers 2023 | 9 |
| Past ESA Office Bearers 1958-2023 | 9 |
| ESA Society & Conference Secretariat | 9 |
| ESA Awards And Lecturers | 11 |
| ENDOCRINE NURSES SOCIETY OF AUSTRALASIA (ENSA) | 16 |
| Past Office Bearers | 16 |
| ENSA Life Members | 16 |
| SOCIETY FOR REPRODUCTIVE BIOLOGY (SRB) | 17 |
| Office Bearers 2023 | 17 |
| Past SRB Office Bearers 1969 - 2023 | 17 |
| SRB Awards And Lecturers | 18 |
| DELEGATE INFORMATION | 22 |
| ESA-SRB INVITED PLENARY LECTURERS | 26 |
| ESA SYMPOSIA SPEAKERS | 27 |
| SRB SYMPOSIA SPEAKERS | 28 |
| JOINT SYMPOSIA SPEAKERS | 28 |
| PROGRAM AT A GLANCE | 29 |
| Sunday, 26 November 2023 | 29 |
| Monday, 27 November 2023 | 30 |
| Tuesday, 28 November 2023 | 31 |
| Wednesday, 29 November 2023 | 32 |
| ESA-SRB PROGRAM | 33 |
| Sunday 26th November 2023 | 33 |
| Monday 27th November 2023 | 36 |
| Tuesday 28th November 2023 | 47 |
| Wednesday 29th November 2023 | 55 |
| ESA POSTER LISTING | 59 |
| SRB POSTER LISTING | 69 |
| EXHIBITION FLOOR PLAN | 75 |
| SPONSORS AND EXHIBITORS | 76 |

WELCOME FROM THE PRESIDENTS

The Presidents of the Endocrine Society of Australia (ESA), Society for Reproductive Biology (SRB) & Endocrine Nurses' Society of Australasia (ENSA) wish you a very warm welcome to the 2023 ESA-SRB & ENSA Annual Scientific Meeting at the Brisbane Convention and Exhibition Centre, Queensland, from 26-29 November 2023.

The 2023 ESA program will feature outstanding international and national plenary speakers from both societies including: Professor William Rainey (University of Michigan, USA), ESA Harrison Medal Lecturer and Professor Janet Hall (National Institute of Environmental Health Sciences, NIH, USA), ESA Taft Lecturer.

In addition to this, the ESA program will include symposium sessions on hormone-dependent cancers; autoimmune endocrinopathies; steroid hormone receptors; women's health; endocrine nuclear imaging; diabetes, diet and the metabolic syndrome; meet-the-expert sessions on bone; and a combined session with ENSA on adrenal diagnostics.

The SRB program will feature inclusivity in reproductive health (including intersex, disorders of sex development and indigenious); environmental impacts on reproduction; novel models for pregnancy research; evolution of reproductive mechanisms; reproductive cancers; cellular basis of reproduction and a combined session with ESA on reproductive endocrinology and infertility.

The ENSA Program opens with the Nurses in Action session. This is an annual event for endocrine nurses to present their work and experiences. Our international speaker, Lisa Shepherd, an Endocrine nurse from the UK, will present on Adrenal crisis prevention, as well as on the UK Endocrine nursing model and how it can be adapted for Australia and globally. Besides the combined session with ESA/SRB, the other features to look forward to are on Osteoporosis treatment, as well as the importance of the Endocrine nurse in a tertiary endocrine facility.

Additionally, our program organising committees are bringing together a program covering the most state-of-the art advances in the fields of Endocrinology and Reproductive Biology, including awards sessions, oral presentations and poster abstracts.

We look forward to enjoying an exciting and collegiate meeting, while hearing about the latest medical and scientific advances across both societies.

The 2023 program offers ample opportunities to learn about recent advances, present your research, interact with invited presenters & award participants as well as network with your colleagues.

On behalf of ESA, SRB & ENSA we welcome you to the meeting and thank you for your participation.



A/Prof Ann McCormack
ESA President



Prof Brett Nixon
SRB President



Venecia Willenberg CN
ENSA President

SOCIETY SECRETARIATS

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Fitzroy VIC 3065
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Contact: Krisztina Toth
www.ensa.org.au

ESA-SRB 2023 PROGRAM ORGANISING COMMITTEE

A/Prof Geoffry De Iuliis
University of Newcastle
SRB

Prof Tu'uhevaha Kaitu'u-Lino
Mercy Hospital for Women & University of Melbourne
SRB

Dr Mitchell Lawrence
Monash University
ESA

A/Prof Dagmar Wilhelm
University of Melbourne
SRB

A/Prof Jun Yang
Hudson Institute of Medical Research & Monash
University
ESA

ESA-SRB 2023 LOCAL ORGANISING COMMITTEE

Dr Lisa Akison
University of Queensland
SRB

Dr Matthew Balcerak
Royal Brisbane and Women's Hospital
ESA

A/Prof Josephine Bowles
University of Queensland
SRB

Jade Kubler
Mater Research Institute
SRB

Dr Jack Lockett
Princess Alexandra Hospital
ESA

Dr Brendan Nolan
Princess Alexandra Hospital
ESA

ESA-SRB 2023 EARLY CAREER INVESTIGATOR COMMITTEE

Dr Amy Dwyer
University of Adelaide
ESA

Dr Brendan Houston
University of Melbourne
SRB

Dr Ella Green
University of Adelaide
SRB

Dr James McNeil
Royal Adelaide Hospital
ESA

ESA PROGRAM COMMITTEE MEMBERS

A/Prof Anne Corbould
Launceston General Hospital

Dr James Cuffe
The University of Queensland

Dr Matti Gild
Royal North Shore Hospital

A/Prof Craig Harrison
Monash University

Dr James McNeil
Royal Adelaide Hospital

Dr Luba Sominsky
Barwon Health/Deakin University

Dr Mitchell Sullivan
Mater Research Institute – University of Queensland

A/Prof Venessa Tsang
Royal North Shore Hospital and University of Sydney

ENSA PROGRAM COMMITTEE MEMBERS

Valerie Cheetham
Te Whatu Ora Health New Zealand

Ann Robinson
Gold Coast University Hospital

Venecia Willenberg
Southern Adelaide Diabetes &
Endocrine Services

Roghaya Fatouros
Royal Prince Alfred Hospital

Krisztina Toth
Garvan Institute of Medical Research

Tania Yarnley
Waikato Hospital

ESA ABSTRACT REVIEWING COMMITTEE

Dr Lachlan Angus
Austin Health/ Northern Health

Dr Elizabeth Johnstone
Harry Perkins Institute of Medical Research

Dr Matthew Balcerek
Royal Brisbane and Women's Hospital

Dr Shejil Kumar
Royal North Shore Hospital

Dr Emily Brooks
Princess Alexandra Hospital

Dr Jack Lockett
Princess Alexandra Hospital

A/Prof Ada Cheung
Austin Health

Dr Mitchell Lawrence
Monash University

Dr Sheila Cook
Toowoomba Endocrine & Diabetes

A/Prof Ann McCormack
St Vincent's Hospital

Prof Roderick Clifton-Bligh
Royal North Shore Hospital

Dr James McNeil
Royal Adelaide Hospital

A/Prof Anne Corbould
Launceston General Hospital

A/Prof Frances Milat
Monash Health

Dr James Cuffe
The University of Queensland

Dr Brendan Nolan
Princess Alexandra Hospital

A/Prof Sunita De Sousa
Royal Adelaide Hospital

Dr Alexander Rodriguez
Monash University

Dr Amy Dwyer
University of Adelaide

Dr Luba Sominsky
Barwon Health/Deakin University

Dr Matti Gild
Royal North Shore Hospital

Dr Mitchell Sullivan
Mater Research Institute – University of Queensland

Prof Mathis Grossmann
University of Melbourne

A/Prof Venessa Tsang
Royal North Shore Hospital and University of Sydney

Prof Jenny Gunton
University of Sydney, Westmead Institute for Medical
Research

Dr Lauren Tyack
Fiona Stanley Hospital

A/Prof Shane Hamblin
Western Health

Dr Annabelle Warren
The Austin Hospital

A/Prof Craig Harrison
Monash University

A/Prof Jun Yang
Hudson Institute of Medical Research

Prof Bu Yeap
University of Western Australia

SRB ABSTRACT REVIEWING COMMITTEE

Dr Katie Ayers

Murdoch Children's Research Institute

Dr Fiona Brownfoot

University of Melbourne

A/Prof Geoffry De Iuliis

University of Newcastle

Dr Kylie Dunning

The University of Adelaide

Bianca Fato

University of Melbourne

Prof Simon de Graff

University of Sydney

Dr Ella Green

University of Adelaide

A/Prof Mark Green

University of Melbourne

Prof Natalie Hannan

Mercy Hospital for Women, University of Melbourne

Ms Azelle Hawdon

Australian Regenerative Medicine Institute (ARMI),
Monash University

Dr Brendan Houston

University of Melbourne

Dr Karla Hutt

Monash University

A/Prof Wendy Ingman

University of Adelaide

Prof Tu'uhevaha Kaitu'u-Lino

Mercy Hospital for Women, University of Melbourne

Dr Tessa Lord

University of Newcastle

Dr Ellen Menkhorst

University of Melbourne

Prof Brett Nixon

University of Newcastle

Dr Michael Pankhurst

University of Otago

Dr Janet Pitman

Victoria University of Wellington

Dr Kelsey Pool

University of Western Australia

Dr John Schjenken

University of Newcastle

Dr Cassy Spiller

University of Queensland

Prof Andrew Pask

University of Melbourne

Dr Kelly Walton

University of Queensland

A/Prof Patrick Western

Hudson Institute for Medical Research

A/Prof Dagmar Wilhelm

University of Melbourne

Dr Caitlin Wyrwoll

University of Western Australia



Lilly is proud to support **ESA-SRB 2023**

Lilly was proudly at the forefront of diabetes care in 1923, when we became the first company to commercialise insulin.

A century on we celebrate and build upon this heritage **to make life better for people with diabetes.**

For news, updates and information about Lilly Diabetes, visit us at the Lilly stand or at **www.lillydiabetes.com.au**

ENDOCRINE SOCIETY OF AUSTRALIA (ESA) OFFICE BEARERS 2023

| | | | |
|---------------------------|------------------|-------------------|------------------------|
| President | Ann McCormack | Councillor | Frances Milat |
| President Elect | Shane Hamblin | Councillor | Ada Cheung |
| Honorary Secretary | Mathis Grossmann | Councillor | Elizabeth Johnstone |
| Treasurer | Jenny Gunton | Councillor | Sunita De Sousa |
| Past President | Bu Yeap | Councillor | Sheila Cook |
| | | Councillor | Roderick Clifton-Bligh |

PAST ESA OFFICE BEARERS 1958-2023

| YEAR | PRESIDENT | PRESIDENT ELECT | SECRETARY | TREASURER |
|---------|-------------------------|-----------------|------------------|------------------------|
| 1958-60 | E. Downie | | P. Taft | P. Taft |
| 1960-62 | C. W. Emmens | | K. Harrison | K. Harrison |
| 1962-64 | K. Harrison | | I. Thomas | I. Thomas |
| | C. W. Emmens (March 63) | | | |
| 1964-66 | B. Hetzel | V. Trikojus | I. Jarrett | I. Jarrett |
| 1966-68 | B. Hudson | V. Trikojus | R. Melick | I. Jarrett |
| 1968-70 | P. Taft | R. Cox | R. Melick | I. Jarrett |
| 1970-72 | I. Jarrett | K. Ferguson | T. J. Martin | L. Lazarus |
| 1972-74 | K. Ferguson | L. Lazarus | R. D. Gordon | L. Lazarus |
| 1974-76 | H. G. Burger | J. R. Turtle | S. Posen | C. J. Eastman |
| 1976-78 | S. Posen | J. P. Coghlan | P. E. Harding | C. J. Eastman |
| 1978-80 | J. P. Coghlan | C. J. Eastman | R. G. Larkins | J. W. Funder |
| 1980-82 | C. J. Eastman | J. W. Funder | D. P. Cameron | G. L. Warne |
| 1982-84 | J. W. Funder | R. G. Larkins | R. C. Baxter | G. L. Warne |
| 1984-86 | R. G. Larkins | D. P. Cameron | R. C. Baxter | D. M. Hurley |
| 1986-88 | D. P. Cameron | R. C. Baxter | S. J. Judd | D. M. Hurley |
| 1988-90 | R. C. Baxter | S. J. Judd | J. R. Stockigt | D. J. Handelsman |
| 1990-92 | J. R. Stockigt | J. A. Eisman | G. W. Tregear | D. J. Handelsman |
| 1992-94 | D. J. Handelsman | P. J. Fuller | R. L. Prince | D. J. Topliss |
| 1994-96 | P. J. Fuller | R. L. Prince | G. P. Risbridger | D. J. Topliss |
| 1996-98 | D. J. Topliss | R. J. Rodgers | G. P. Risbridger | M. S. Lewitt |
| 1998-00 | R. J. Rodgers | J. D. Zajac | K. K. Y. Ho | M. S. Lewitt |
| | | | | B. J. Waddell (May 99) |
| 2000-02 | K. K. Y. Ho | B. J. Waddell | B. Canny | C. Coulter |
| 2002-03 | B. Canny | J. D. Zajac | R. Cuneo | C. Coulter |
| 2004-06 | J. D. Zajac | L. Bach | M. McLean | V. Clifton |
| 2006-08 | L. Bach | M. McLean | D. Phillips | V. Clifton |
| 2009-10 | M. McLean | V. Clifton | D. Phillips | B. Yeap |
| | | | | V. Clifton (Feb 10) |
| 2010-12 | V. Clifton | P. Ebeling | T. Cole | W. Inder |
| 2012-14 | P. Ebeling | H. Teede | T. Cole | W. Inder |
| 2014-16 | H. Teede | W. Inder | T. Cole | N. Hodyl |
| 2016-18 | W. Inder | T. Cole | M. Burt | N. Hodyl |
| 2018-20 | T. Cole | B. Yeap | M. Burt | B. Henry |
| 2020-21 | B. Yeap | A. McCormack | M. Grossmann | B. Henry |
| 2021-22 | B. Yeap | A. McCormack | M. Grossmann | B. Henry |
| 2022-23 | A. McCormack | S. Hamblin | M. Grossmann | J. Gunton |

ESA SOCIETY & CONFERENCE SECRETARIAT

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Conference Secretariat – ASN Events
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 Contact: Jim Fawcett
 Jim.f@asnevents.net.au
 www.asn.event



CRYSVITA[®]

(burosumab)

A fully human monoclonal antibody for XLH* treatment¹

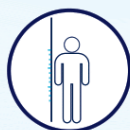
CRYSVITA[®] restores phosphate homeostasis^{2,3}

In Children

Compared to conventional therapy, CRYSVITA[®]:



Significantly improved rickets healing and reduced severity²



Significantly improved growth and mobility outcomes²



Significantly improved biochemical markers of phosphate regulation and bone health²

In Adults

Compared to baseline, CRYSVITA[®]:



Improved fracture and pseudofracture healing⁵



Significantly improved physical function and mobility whilst reducing stiffness and pain at its worst⁵



Improved quality of life^{3,4}

Adverse events were generally mild or moderate in severity^{2,3}
No adverse drug reactions led to treatment discontinuation^{2,3}

PBS INFORMATION: This product is listed on the PBS as a Section 100 item.
Refer to PBS Schedule for full authority information.

Visit us at **ESA-SRB 2023 booth #8** for further information.

Please review full [Product Information](#) before prescribing. Minimum Product information is available in this booklet. CRYSVITA[®] (burosumab) is indicated for the treatment of X-linked hypophosphataemia (XLH) in adults, adolescents and children 1 year of age or older.¹

▼ This medicinal product is subject to additional monitoring in Australia. This will allow quick identification of new safety information. Healthcare professionals are asked to report any suspected adverse events at www.tga.gov.au/reporting-problems. Adverse events can be reported at pv.kkau.2r@kyowakirin.com * XLH: X-Linked Hypophosphataemia

References: 1. Australian Product Information for Crysivita[®] (burosumab) approved Sep 2021. Available at: https://www.kyowakirin.com/australia/our_medicines/doc/crysvita_product_information_leaflet.pdf. Last accessed June 2022. 2. Imel EA et al. Lancet 2019;393:2416-2427 3. Portale AA, et al. Calcif Tissue Int. 2019;105:271-84 4. Briot K, et al. RMD Open 2021;7:e001714. doi:10.1136/rmdopen-2021-001714

MINIMUM PRODUCT INFORMATION CRYSVITA® (burosumab) solution for injection

THERAPEUTIC INDICATION: CRYSVITA® (burosumab) is indicated for the treatment of X-linked hypophosphataemia (XLH) in adults, adolescents and children 1 year of age or older.

DOSE AND ADMINISTRATION: The recommended starting dose regimen for paediatrics (children 1-11yrs and adolescents 12-17yrs) is 0.8 mg/kg of body weight, rounded to the nearest 10 mg, every 2 weeks, up to a maximum dose of 90 mg. The recommended dose regimen in adults (18yrs and older) is 1 mg/kg of body weight, rounded to the nearest 10 mg up to a maximum dose of 90 mg, administered every 4 weeks. Treatment should be initiated and monitored by specialist medical practitioners experienced in the management of patients with metabolic bone disease. Fasting serum phosphate concentration should be below the reference range for age prior to initiation of treatment. CRYSVITA® is administered by subcutaneous injection and should be administered by a healthcare provider. The maximum volume of CRYSVITA® per injection site is 1.5 mL. If multiple injections are required, administer at different injection sites.

CONTRAINDICATIONS: Hypersensitivity to CRYSVITA® or to any of the excipients. Concurrent administration with oral phosphate and / or active vitamin D analogues. Serum phosphate level within or above the normal range for age at initiation of treatment. Severe renal impairment or end stage renal disease.

PRECAUTIONS: Discontinue oral phosphate and active vitamin D analogues at least 1 week prior to initiating CRYSVITA® treatment. Monitor for signs and symptoms of nephrocalcinosis, hyperphosphatemia, ectopic mineralisation, and serious hypersensitivity reactions. Administration should be interrupted in any patient experiencing severe injection site reactions. Discontinue if serious hypersensitivity reaction occurs. Monitoring for signs and symptoms of nephrocalcinosis due to ectopic mineralisation, e.g. by renal ultrasonography, is recommended at the start of treatment and every 6 months for the first 12 months

of treatment, and annually thereafter. Monitoring of urine calcium and phosphate is suggested every 3 months. Monitoring of plasma alkaline phosphatase, calcium, parathyroid hormone (PTH) and creatinine is recommended every 6 months (every 3 months for children 1 - 2 years) or as indicated. **INTERACTIONS:** Concurrent administration of CRYSVITA® with oral phosphate and active vitamin D analogues is contraindicated as it may cause an increased risk of hyperphosphatemia and hypercalcaemia. Caution should be exercised when combining CRYSVITA® with calcimimetic medicinal products. **ADVERSE EFFECTS:** Very common adverse reactions (>10%) reported in paediatric patients (≥1-17yrs) during clinical trials who had received at least 1 dose of CRYSVITA® were: injection site reactions, cough, headache, pyrexia, pain in extremity, vomiting, tooth abscess, vitamin D decreased, diarrhoea, rash, nausea, constipation, dental caries and myalgia. Common adverse reactions (≤10%) reported in paediatric patients ≥1 year of age during clinical trials who had received at least 1 dose of CRYSVITA® were: dizziness and blood phosphorus increased. Very common adverse reactions (>10%) reported in adult patients (≥18yrs) who had received at least 1 dose of CRYSVITA® during clinical trials were: back pain, headache, tooth infection, restless legs syndrome, muscle spasms, vitamin D decrease and dizziness. Common adverse reactions (≤10%) reported in adult patients who had received at least 1 dose of CRYSVITA® during clinical trials were: constipation and blood phosphorus increased. Content based on full CRYSVITA® Product Information. Date Approved: 10 Sept 2021.

Please review full Product Information before prescribing. Product Information is available at: https://www.kyowakirin.com/australia/our_medicines/doc/crysvita_product_information_leaflet.pdf

PBS INFORMATION: This product is listed on the PBS as a Section 100 item.
Refer to PBS Schedule for full authority information.

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www.kyowakirin.com/australia FPI-0018. Date of preparation Sept 2023.



ESA AWARDS AND LECTURERS OF THE ENDOCRINE SOCIETY OF AUSTRALIA

ESA AWARD SPONSOR



PINCUS TAFT MEMORIAL LECTURERS

Pincus was a founder of clinical endocrinology in Melbourne and in Australia. As the obituary states he was the inspiration and role model for many younger colleagues to take up endocrinology. He had a rare ability to accord respect to all his colleagues from interns and JRMOs through to contemporaries while still being able to instruct or guide them according to an uncompromisingly high standard and he was never afraid to openly acknowledge someone else's ideas if he thought they were better than his [although not a common occurrence].

1994 C Ronald Kahn
1995 William Bremner
1996 Steven Lamberts
1997 George Brabant
1998 Simeon Taylor
1999 Christopher K Glass
2001 Domenico Accilli
2002 Paul Stewart
2003 Terry Davies
2004 Peter E Clayton

2005 David Dunger
2006 Sadaf Farooqi
2007 Robert J Smith
2008 William F Young Jr
2009 Karen Miller
2010 Karel Pacak
2011 Kathleen Hoeger
2012 Gudmundur Johannsson
2013 Anthony Hollenberg
2014 John Wass

2015 Michael Tuttle
2016 Constantine Stratakis
2017 Gerard Conway
2018 Susan Mandel
2019 Angela Leung
2020 *Not awarded
2021 Mirjam Christ-Crain
2022 Graeme Eisenhofer
2023 Janet Hall

KEITH HARRISON MEMORIAL LECTURERS

The Keith Harrison Memorial Lecture is given each year at the ESA Annual Scientific Meeting in honour of Prof Keith Harrison, one of the founders of ESA and an early President.

| | | |
|-----------------------|----------------------------|------------------------|
| 1964 Kenneth Ferguson | 1989 Hiroo Imura | 2007 Gerard Karsenty |
| 1965 Geoffrey Harris | 1990 Iain McIntyre | 2008 Colin Ward |
| 1973 Albert Renold | 1991 Eli Adashi | 2009 John Cidlowski |
| 1974 Paul Franchimont | 1992 Jan-Ake Gustafsson | 2010 Stafford Lightman |
| 1975 William Odell | 1993 Eberhard Nieschlag | 2011 Paul Stewart |
| 1976 John Landon | 1994 Allen Speigel | 2012 Lucilla Poston |
| 1977 Hugh Niall | 1995 Natalie Josso | 2013 Matthew During |
| 1978 Samuel Yen | 1996 Gregory Mundy | 2014 Sundeep Khosla |
| 1979 John Shine | 1997 M. Geoffrey Rosenfeld | 2015 Richard Santen |
| 1980 Ronald Swerdloff | 1998 Ken Korach | 2016 Stephen Franks |
| 1981 Sidney Ingbar | 1999 Henry Burger | 2017 Márta Korbonits |
| 1982 Jens Rehfeld | 2000 Pierre Chambon | 2018 Peter Fuller |
| 1983 Philip Lowry | 2001 Jack Martin | 2019 Daniel Drucker |
| 1984 Fernand Labrie | 2002 George Chrousos | 2020 Mitchell Lazar |
| 1985 Michael Berridge | 2003 Derek LeRoith | 2021 Wiebke Arlt |
| 1986 Michael Thorner | 2004 Bruce McEwen | 2022 Shalender Bhasin |
| 1987 Lynn Loriaux | 2005 Richard Pestell | 2023 William Rainey |
| 1988 Axel Ulrich | 2006 William Crowley | |

ESA-SFE EXCHANGE LECTURER

2023 Amy Dwyer, Rayzel Fernandes

ESA SENIOR PLENARY AWARD

The ESA Senior Plenary Award recognises an outstanding research career in the field of Endocrinology in Australia

| | | |
|-----------------------|-----------------------|-----------------------|
| 2011 Ken Ho | 2015 Evan Simpson | 2019 Susan Davis |
| 2012 Gail Risbridger | 2016 Wayne Tilley | 2020 *Not awarded |
| 2013 Geoffrey Tregear | 2017 Patrick M Sexton | 2021 David Handelsman |
| 2014 Iain Clarke | 2018 Rob McLachlan | |

ESA MID-CAREER RESEARCH AWARD

The ESA Mid-Career Research Award recognises an outstanding mid-career researcher in endocrinology.

| | | |
|-----------------------|---------------------|------------------------|
| 2009 Rachel Davey | 2014 Kevin Pflieger | 2019 Kelly Walton |
| 2010 Peter Liu | 2015 Lisa Moran | 2020 Mitchell Lawrence |
| 2011 Mathis Grossmann | 2016 *Not awarded | 2021 Anju Joham |
| 2012 Emma Duncan | 2017 Frances Milat | 2022 Jun Yang |
| 2013 Zane Andrews | 2018 Kirsty Walters | |

ESA GAIL RISBRIDGER JUNIOR SCIENTIST AWARD

The Junior Scientist Award is awarded annually to a member who is a postgraduate student or recently graduated post-doctoral fellow, for the best original paper at the Annual Scientific Meeting.

| | | |
|----------------------------------|--|--------------------------------------|
| 1976 Kathryn Rich & Peter Fuller | 1986 Marie Ranson | 1995 Michael Downes & Sylvia Lim-Tio |
| 1977 David Kennaway | 1987 Lora Hutchinson | 1996 John Walsh |
| 1978 David Healy | 1988 Vasilios Papadopoulos | 1997 Bu Yeap |
| 1979 George Werther | 1989 David Phillips | 1998 Julie Joyner |
| 1980 Rebecca Mason | 1990 Sharon Gargosky | 1999 Renea Jarred & Helena Teede |
| 1981 Yvonne Hodgson | 1991 Marie-Christine Keightley & Helen Maclean | 2000 Jeremy Smith |
| 1982 David Hurley | 1992 Fiona Young | 2001 Stephen Heady |
| 1983 Carolyn Scott | 1993 Emma Ball | 2002 Patrick McManamny |
| 1984 David James | 1994 Vicki Clifton | 2003 Sophie Chan |
| 1985 Guck Ooi | | |

2004 Esme Hatchell
2005 Agnes Kovacic & Amy Au
2006 David Macintyre
2007 Marianne Elston
2008 Sue Lau
2009 Kenneth Ho
2010 Lyndal Tacon

2011 Jun Yang
2012 Patrick Candy
2013 Kevin Lee Tao-Kwang
2014 Marianna Volpert
2015 Dilys TH Leung
2016 Ashlee Clark
2017 Patrick Thomas

2018 Laura H Porter
2019 Adam Hagg
2020 Nicholas Choo
2021 Bronia Harding-Davis
2022 Ben Lawrence

ESA YOUNG INVESTIGATOR SCIENTIFIC ARTICLE AWARD

Previously known as the Servier Award, the ESA Young Investigator Scientific Article Award is awarded annually to recognise the best scientific paper published in the 12-month period preceding the closing date for abstracts for the Annual Scientific Meeting by an active member of the Endocrine Society of Australia early in their career.

1991 Sharon Gargosky
1992 Peter Stanton
1993 Janet Martin
1994 Chen Chen
1995 Timothy Crowe
1996 Jun-Ping Lui
1997 Liza O'Donnell
1998 Stephen Twigg
1999 Dan Lee
2000 Fraser Rogerson
2001 Karen Kroeger
2002 Susan Fanayan

2003 Jenny Gunton
2004 Peter Liu
2005 Simon Chu
2006 Renea Taylor
2007 Kirsten McTavish
2008 Belinda Henry
2009 Kristy Brown
2010 Zoe Hyde
2011 tefan Bagheri-Fam
2012 Priya Sumithran
2013 Jennifer Lo
2014 Anthony Bird

2015 Christian Girgis
2016 Justin Chen
2017 Jimmy Shen
2018 Sabashini Ramchand
2019 Nandini Shankara Narayana
2020 Angela Lee
2021 Adam Hagg (Basic Science) & Mark Ng Tang Fui (Clinical)
2022 Renata Libianto
2023 Laura Porter (Basic Science), & Nicholas Russel (Clinical)

ESA BRYAN HUDSON CLINICAL ENDOCRINOLOGY AWARD

The ESA Bryan Hudson Clinical Endocrinology Award is awarded annually to recognise the best clinical research presentation at the Annual Scientific Meeting by an active member of the Endocrine Society of Australia early in their career.



2004 Sonia Davison
2005 Carolyn Allan
2006 Jui Ho
2007 Morton Burt
2008 Ann McCormack
2009 Paul Lee
2010 Jeremy Hoang

2011 Lucia Gagliardi
2012 Caroline Jung
2013 Emily Gianatti
2014 Phillip Wong
2015 Ada Cheung
2016 Mark Ng Tang Fui
2017 Michael Mond

2018 Ie-Wen Sim
2019 Teresa Lam
2020 Emily Brooks & Rebecca Goldstein
2021 Sarah Catford
2022 Brendan Nolan

ESA PAUL LEE BEST ABSTRACT AWARD

2018 Warrick Inder
2019 Jennifer Chen
2020 Nandini Shankara Narayana

2021 Valentina Rodriguez Paris
2022 Charmaine Cheung
2023 Moe Thuzar

ESA / IPSEN INTERNATIONAL TRAVEL GRANT

This award supports younger members of the society to travel to international meetings, laboratories and/or clinics to further their training and knowledge in Endocrinology.

2003 Emma Ball
2004 Gordon Howarth, Sophie Chan and Vincenzo Russo
2005 Stuart Ellem
2006 Kevin Pflieger and Erosha Premaratne
2007 Lisa-Marie Atkin, Elspeth Gold and Michael Stark
2008 Elif Ekinci, Andrew Siebel, Jenny Chow
2009 Michelle Van Sinderen, Jyotsna Pippal and Ulla Simanainen
2010 Wee-Ching Kong, Fredrick Steyn, Ann McCormack
2011 Stacey Jamieson, Kristy Brown, Kevin Knowler
2012 Christopher Yates, Dana Briggs, Shyuan Ngo, Sarah

2013 Christian Girgis, Jenna Haverfield, Steven Yau
2014 Malgorzata Brzozowska, Kelly Walton
2015 Sally Abell, Sybil McAuley, Jaesung Peter Choi
2016 Aneta Stefanidis, Rajini Sreenivasan
2017 Dilys Leung, Sabashini Ramchand, Soulmaz Shorakae
2018 Jasna Aleksova, Matti Gild, Emily Meyer
2019 Sunita De Sousa, Hanh Nguyen, Jun Yang
2020 *Not awarded
2021 *Not awarded
2022 Nada Bechara
2023 Lachlan Angus, Elisabeth Ng, Annabelle Warren

AWE / ESA AUSTRALIAN WOMEN IN ENDOCRINOLOGY (AWE) TRAVEL AWARDS

| | |
|---|--|
| 2001 Karen Kroger, Elizabeth Nye | 2012 Lili Huang, Kara Britt |
| 2002 Aylin Hanyaloglu, Kylie Hewitt | 2013 Anju Joham, Helen Barrett |
| 2003 Nicola Solomon, Carolyn Allan | 2014 Kathryn Hackman, Sarah Gastras |
| 2004 Renea Jarred, Rachel Hill | 2015 Amanda Rickard, Ying Wan |
| 2005 Teresa Hickey, Agnes Kovacic | 2016 Ada Cheung, Sally Abell |
| 2006 Rebecca Robker, Nichola Thompson | 2017 Moe Thurzar, Rebecca Goldstein |
| 2007 Sue Mei Lau, Ashwini Chand | 2018 Sophie Lee, Matti Gild, Hanh Nguyen |
| 2008 Johanna Barclay, Ulla Simanainen, Kathryn Backholer | 2019 Sunita De Sousa, Eleanor Thong |
| 2009 Kesha Rana, Stacey Jamieson, Kavitha Iyer, Vita Birzniece | 2020 Jun Yang, Ebtihal Mustafa |
| 2010 Sarah To, Liza Phillips | 2021 *Not awarded |
| 2011 Jun Yang, Shirin Hussain | 2022 Ayanthi Wijewardene |
| | 2023 Rutu Dhavan, Lisa Raven |

ESA ASIA/OCEANIA TRAVEL SUPPORT GRANTS

Several grants are offered to researchers from countries in the Asia-Oceania region to travel and present an abstract at The ESA Annual Scientific Meeting, to further their training and knowledge in Endocrinology.

| | |
|--|---|
| 2018 Arooj Fatima, Jinbo Hu, Udai Wijetunga | 2022 *Not awarded |
| 2019 Anuradha Jayasuriya, Smitha Rao, Udai Wijetunga | 2023 Min Kyung Lee, Joon Ho Moon, Muthukumar Sankaran, Tharaka Gayaththri Athukorala |
| 2020 *Not awarded | |
| 2021 *Not awarded | |

ESA RESEARCH SEED GRANTS

Seed Grants of \$10,000 are for research in any area of endocrinology by a mid-career ESA member.

| |
|---|
| 2018 Mitchell Lawrence, Kirsty Walters & Jun Yang |
| 2019 Morton Burt, Caroline Jung, Adam Rose & Aneta Stefanidis |
| 2020 Ada Cheung & Luba Sominsky |
| 2021 Ann McCormack, Nicholas Russell, Varun Venkatesh & Diane Rebourcet |
| 2022 Martyn Bullock, Pieter Jansen & Kelly Short |
| 2023 Matti Gild, Fran Milat & Kelly Walton |

ESA KEN WYNNE MEMORIAL POSTDOCTORAL RESEARCH AWARD



| | |
|---------------------|-----------------------|
| 2013 Lisa Moran | 2020 Aneta Stefanidis |
| 2014 Kristy Brown | 2021 Sarah Glastras |
| 2015 Jun Yang | 2022 Kelly Short |
| 2016 Kirsty Walters | |
| 2017 Frances Milat | |
| 2018 Kelly Walton | |
| 2019 Ada Cheung | |

ESA POSTDOCTORAL AWARD

| | |
|---------------------------------|--|
| 2009 Jeremy Smith | 2017 Luba Sominsky & Jean Winter |
| 2010 Sarah Spencer | 2018 Ada Cheung & Moe Thuzar |
| 2012 Kelly Walton | 2019 Rajini Sreenivasan & Sarah Lockie |
| 2013 Radhika Seimon | 2020 Emily Brooks |
| 2014 Lucia Gagliardi | 2021 Sunita De Sousa |
| 2015 Justin Chen & Stella Liong | 2022 Sarah Catford |
| 2016 Ada Cheung & Jun Yang | |

ESA RESEARCH HIGHER DEGREE SCHOLARSHIP

2007 Priya Sumithran
2008 Lucia Gagliardi
2009 Pui Shi (Tammy) Pang
2012 Tilenka Thynne
2013 Carmela Caputo
2014 Dilys Leung
2015 Cherie Au and Dilys Leung
2016 Dilys Leung

2017 Angela Chen
2018 Monica Kanki
2019 Sabashini Ramchand
2020 Amanda Seabrook
2021 Tian Nie
2022 Ayanthi Wijewardene

RACP ENDOCRINE SOCIETY OF AUSTRALIA (ESA) RESEARCH ESTABLISHMENT FELLOWSHIP IN ENDOCRINOLOGY

2018 Mark Ng Tang Fui
2019 Jasna Aleksova
2020 Helen Barret

2021 Stephanie Johnson
2022 Brendan Nolan

AWE / ESA AUSTRALIAN WOMEN IN ENDOCRINOLOGY (AWE) OUTSTANDING ABSTRACT AWARD

2013 Anju Joham, Helen Barrett
2014 Kathryn Hackman, Sarah Gastras
2015 Amanda Rickard, Ying Wan
2016 Ada Cheung, Sally Abell
2017 Rebecca Goldstein, Moe Thuzar, Ann McCormack
2018 Sophie Lee, Matti Gild, Hanh Nguyen
2019 Swati Swati, Ada Cheung, Elena Tucker, Jean Winter
2020 Jun Yang, Ebtihal Mustafa

2021 Kelly Walton, Ayanthi Wijewardene, Jennifer Chen, Caroline Jung
2022 Kharis Burns, Elizabeth Johnstone, Elena Tucker and Eleanor White
2023 Renae Taylor, Anne Nicole De Jesus, Nayomi Perera and Kharis Burns

ESA HONORARY LIFE MEMBERS

Prof Leon Bach
Dr Robert Baxter
Dr Alan W. Blackshaw
Dr Hal D. Breidahl
Prof James B Brown
Prof Henry G Burger
Dr Robin A. Burston
Prof Donald P Cameron
Prof Chen Chen
Prof Christine Clarke
Prof Iain Clarke
Prof Vicki Clifton
Prof John P Coghlan
Prof Alex Cohen
Dr Ron I Cox
Prof David Curnow
Prof Susan Davis
Prof David De Kretser
Dr Ewan Downie
Prof Creswell J Eastman AM
Cliff W. Emmens
Dr Ken A. Ferguson
Prof Jock Findlay
Prof Peter Fuller

Prof John W Funder
Prof Richard D. Gordon
Dr Ian B Hales
Prof David Handelsman
Dr Philip Harding
Prof Basil Hetzel
Dr Brian Hirschfeld
Prof Ken Ho
Bryan Hudson
A/Prof Warrick Inder
Dr Ivan G Jarrett
Assoc Prof Stephen Judd
Prof Richard G Larkins
Prof Leslie Lazarus
Dr Thomas B. Lynch
Prof T John Martin
Dr Len Martin
Dr Frank I.R. Martin
Dr Ian C.A. Martin
Prof Ian R. McDonald
Prof Rob McLachlan
Dr Roger A. Melick
Prof Solomon Posen
Prof Marilyn B. Renfree

Prof Gail P. Risbridger
Prof Terry J. Robinson
Prof Ray Rodgers
Prof Rodney Shearman
Dr Evan Simpson
Prof Alfred W Steinbeck
Prof Jim Stockigt
Prof Roderick F.A. Strang
Prof Bronwyn Stuckey
Prof Pincus Taft
Prof Helena Teede
Dr Ian D. Thomas
Prof Duncan J. Topliss
Prof Prof Victor Trikojus
Emeritus Prof John R Turtle
Prof Robert Vines
Dr Alan L. Wallace
Prof Garry Warne
Prof George Werther
Prof Norman Wettenhall
Prof F.H. Hales Wilson
Prof Marelyn Wintour-Coghlan
Dr Ken N. Wynne
Prof Jeffrey Zajac

ENDOCRINE NURSES' SOCIETY OF AUSTRALASIA (ENSA)

PAST OFFICE BEARERS

| | President | Secretary | Treasurer/Membership Secretary | President Elect |
|------|--|-------------------|---------------------------------------|-----------------------------------|
| 1991 | Jan Hookkee | Irene Mitchelhill | Irene Mitchelhill | |
| 1992 | Jan Hookkee | Bin Moore | Irene Mitchelhill | |
| 1993 | Jan Hookkee | Bin Moore | Irene Mitchelhill | Elizabeth Nunn |
| 1994 | Liz Nunn/ Bin Moore | Rosemary Richman | Irene Mitchelhill | Bin Moore |
| 1995 | Bin Moore | Rosemary Richman | Irene Mitchelhill | Leonie Crampton |
| 1996 | Leonie Crampton | Robyn Norris | Fay Lang | Liza Nery |
| 1997 | Liza Nery | Jenny Nairn | Fay Lang | Lyn Taylor |
| 1998 | Lyn Taylor/Liza Nery | Jenny Nairn | Ann Pollard | Pam Mamers |
| 1999 | Pam Mamers | Debbie Boyce | Ann Pollard | |
| 2000 | Pam Mamers | Debbie Boyce | Fran Gates | Suzanne Clark |
| 2001 | Suzanne Clark | Nancy Taylor | Fran Gates | Irene Mitchelhill |
| 2002 | Irene Mitchelhill | Nancy Taylor | Eunice Lang | Jenny Nairn |
| 2003 | Jenny Nairn | | Eunice Lang | Amanda Idan |
| 2004 | Jenny Nairn | Jill Stillman | Klaus Sommer | Julie Hetherington |
| 2005 | Amanda Idan (<i>resigned</i>) | Jill Stillman | Klaus Sommer | Julie Hetherington |
| 2006 | Julie Hetherington | Juliet Langridge | Moira Fraser | |
| 2007 | Julie Hetherington | Juliet Langridge | Moira Fraser | |
| 2008 | Jill Stillman (<i>resigned</i>) | Juliet Langridge | Moira Fraser | |
| 2009 | Samantha Francis Pester (<i>resigned</i>) | Tania Yarndley | Venecia Willenberg/Jenny Galdes | |
| 2010 | Deirdre Thorn | Tania Yarndley | Venecia Willenberg/Jenny Galdes | Klaus Sommer |
| 2011 | Deirdre Thorn | Tania Yarndley | Venecia Willenberg/Jenny Galdes | Klaus Sommer |
| 2012 | Deirdre Thorn | Tania Yarndley | Venecia Willenberg/Jenny Galdes | Klaus Sommer |
| 2013 | Klaus Sommer | Tania Yarndley | Venecia Willenberg/Jenny Galdes | Ann Robinson |
| 2014 | Klaus Sommer | Helena Ching | Susie Baird | Ann Robinson |
| 2015 | Ann Robinson | Carmen Bischoff | Susie Baird (<i>resigned</i>) | Tania Yardley (<i>resigned</i>) |
| 2016 | Ann Robinson | Carmen Bischoff | Shannon Reakes | Yuk Fun Chan |
| 2017 | Yuk Fun Chan | Carmen Bischoff | Shannon Reakes | Josie Green |
| 2018 | Yuk Fun Chan | Carmen Bischoff | Shannon Reakes | Josie Green |
| 2019 | Josie Green | Krisztina Toth | Michelle Warnock & Shannon Reakes | Venecia Willenberg |
| 2020 | Josie Green | Krisztina Toth | Michelle Warnock & Shannon Reakes | Venecia Willenberg |
| 2021 | Venecia Willenberg | Krisztina Toth | Roghaya Fatouros | |
| 2022 | Venecia Willenberg | Krisztina Toth | Roghaya Fatouros | Tania Yarndley |
| 2023 | Venecia Willenberg | Krisztina Toth | Roghaya Fatouros | Tania Yarndley |

ENSA LIFE MEMBERS

Trisha Dunning
Fay Lang

Juliet Langridge
Irene Mitchell

Bin Moore

SOCIETY FOR REPRODUCTIVE BIOLOGY (SRB)

SRB OFFICE BEARERS 2023

| | | | |
|---------------------------------|------------------------------|---|-------------------------|
| President | Brett Nixon | Fellows & Life Members Secretary | Tessa Lord |
| Secretary | Cassy Spiller | Plenary Lecture Secretary | Tessa Lord |
| Treasurer | Kelly Walton | SRB Conference Secretary & RFD Liaison | Caitlin Wyrwoll |
| Membership | David Sharkey | Exotic Species Liaison | Kelsey Pool |
| Awards & Sponsorship | Fiona Brownfoot | SRB ASM POC co-chair | Dagmar Wilhelm |
| Public Relations/Website | Taylor Pini | SRB ASM POC co-chair | Tu'uhevaha Kaitu'u-Lino |
| Communications | Janet Pitman | SRB ASM POC co-chair | Geoffry De Juiis |
| Public Officer | David Sharkey | SRB ASM LOC co-chair | Lisa Akison |
| ECR Representatives | Ella Green & Brendan Houston | SRB ASM LOC co-chair | Josephine Bowles |
| Student Representatives | Azelle Hawdon & Bianca Fato | Equity and Diversity | Kelsey Pool |
| Newsletter Secretary | Katie Ayers | | |

PAST SRB OFFICE BEARERS 1969 - 2023

| YEAR | CHAIRPERSON | TREASURER | SECRETARY |
|---------|---------------|--------------|---------------|
| 1969-70 | TJ Robinson | RG Wales | JR Goding |
| 1970-71 | TJ Robinson | RG Wales | JR Goding |
| 1971-72 | TJ Robinson | RG Wales | JR Goding |
| 1972-73 | TJ Robinson | IG White | BM Bindon |
| 1973-74 | CW Emmens | IG White | BM Bindon |
| 1974-75 | CW Emmens | IG White | BM Bindon |
| 1975-76 | CW Emmens | IG White | BM Bindon |
| 1976-77 | CW Emmens | GM Stone | IA Cumming |
| 1977-78 | DM de Kretser | GM Stone | IA Cumming |
| 1978-79 | DM de Kretser | GM Stone | IA Cumming |
| 1979-80 | DM de Kretser | GM Stone | IA Cumming |
| 1980-81 | DM de Kretser | GH McDowell | RJ Scaramuzzi |
| 1981-82 | NW Moore | BG Miller | RJ Scaramuzzi |
| 1982-83 | NW Moore | BG Miller | TK Roberts |
| 1983-84 | JK Findlay | BG Miller | TK Roberts |
| 1984-85 | JK Findlay | CD Nancarrow | JM Cummins |
| 1985-86 | BM Bindon | CD Nancarrow | JM Cummins |
| 1986-87 | BM Bindon | CD Nancarrow | G Evans |
| 1987-88 | BP Setchell | LA Hinds | G Evans |
| 1988-89 | BP Setchell | LA Hinds | JM Shelton |
| 1989-90 | JC Rodger | GB Martin | JM Shelton |
| 1990-91 | JC Rodger | GB Martin | PL Kaye |
| 1991-92 | RJ Scaramuzzi | CG Tsonis | PL Kaye |
| 1992-93 | RJ Scaramuzzi | CG Tsonis | LA Salamonsen |
| 1993-94 | AO Trounson | J Wilton | LA Salamonsen |
| 1994-95 | AO Trounson | J Wilton | MP Hedger |
| 1995-96 | RF Seamark | JD Curlewis | MP Hedger |
| 1996-97 | RF Seamark | JD Curlewis | JG Thompson |
| 1997-98 | MB Renfree | MB Harvey | JG Thompson |
| 1998-99 | MB Renfree | MB Harvey | JG Thompson |
| 1999-00 | MB Renfree | MB Harvey | T Lavranos |
| 2000-01 | JP Hearn | C O'Neill | T Lavranos |
| 2001-02 | JP Hearn | C O'Neill | RB Gilchrist |
| 2002-03 | JP Hearn | C O'Neill | RB Gilchrist |
| 2003-04 | LA Salamonsen | KL Loveland | RB Gilchrist |

| | | | |
|---------|---------------|--------------|------------|
| 2004-05 | LA Salamonsen | KL Loveland | C Gargett |
| 2005-06 | LA Salamonsen | KL Loveland | C Gargett |
| 2006-07 | M Holland | SA Robertson | C Gargett |
| 2007-08 | M Holland | SA Robertson | C Grupen |
| 2008-09 | M Holland | SA Robertson | C Grupen |
| 2009-10 | MP Hedger | R Nicholson | C Grupen |
| 2010-11 | MP Hedger | R Nicholson | JE Girling |
| 2011-12 | MP Hedger | R Nicholson | JE Girling |
| 2012-13 | EA McLaughlin | JG Thompson | JE Girling |
| 2013-14 | EA McLaughlin | JG Thompson | KG Pringle |
| 2014-15 | EA McLaughlin | JG Thompson | KG Pringle |
| 2015-16 | C O'Neill | J Smith | KG Pringle |
| 2016-17 | C O'Neill | J Smith | MP Green |
| 2017-18 | C O'Neill | J Smith | MP Green |
| 2018-19 | M O'Bryan | J Girling | MP Green |
| 2019-20 | M O'Bryan | J Girling | DJ Sharkey |
| 2020-21 | M O'Bryan | J Girling | DJ Sharkey |
| 2021-22 | B Nixon | K Walton | DJ Sharkey |
| 2022-23 | B Nixon | K Walton | C Spiller |

SRB AWARDS AND LECTURERS OF THE SOCIETY FOR REPRODUCTIVE BIOLOGY

SRB GODING / FOUNDERS' ORATION AND MEDAL LECTURER

| | | |
|------------------------|--------------------|--------------------|
| 1974 IA Cumming | 1991 CR Austin | 2008 J Robinson |
| 1975 W Hansel | 1992 JK Findlay | 2009 LA Salamonsen |
| 1976 DT Baird | 1993 GC Liggins | 2010 RA Reijo-Pera |
| 1977 TD Glover | 1994 I Huhtaniemi | 2011 C O'Neill |
| 1978 CH Tyndale-Biscoe | 1995 RF Seamark | 2012 J Carroll |
| 1979 GMH Thwaites | 1996 No Lecture | 2013 S Robertson |
| 1980 KP McNatty | 1997 F Bronson | 2014 R Norman |
| 1981 BK Follett | 1998 DM de Kretser | 2015 B Capel |
| 1982 J Wilson | 1999 I Wilmut | 2016 J Thompson |
| 1983 BM Bindon | 2000 R Short | 2017 T Woodruff |
| 1984 A Bellvé | 2001 D Albertini | 2018 E McLaughlin |
| 1985 BP Setchell | 2002 AO Trounson | 2019 L Giudice |
| 1986 W Hansel | 2003 T Fleming | 2020-21 N Gemmell |
| 1987 HG Burger | 2004 RJ Aitken | 2022 A Clark |
| 1988 FW Bazer | 2005 J Eppig | 2023 M Hedger |
| 1989 GD Thorburn | 2006 M Renfree | |
| 1990 RM Moor | 2007 M Matzuk | |

MEAT AND LIVESTOCK LECTURER / RFD AWARD LECTURER / SRB PRESIDENT'S LECTURER

| | | |
|-------------------|------------------|------------------|
| 2006 WW Thatcher | 2012 K Jones | 2018 F DeMayo |
| 2007 I Clarke | 2013 S Fisher | 2019 B Nixon |
| 2008 H Fraser | 2014 G Schatten | 2020-21 B Murphy |
| 2009 F Gandolfi | 2015 M O'Bryan | 2022 C Roberts |
| 2010 D Handelsman | 2016 J Penninger | 2023 S Nef |
| 2011 R Rodgers | 2017 V Harley | |

SRB JSA / DAVID HEALY NEW INVESTIGATOR AWARD


| | | |
|-----------------------------|-------------------------|-------------------|
| 1981 PJ Lutjen | 1995 I van Wezel | 2009 AS Care |
| 1982 RJ Rodgers & CB Gow | 1996 S Robinson | 2010 P Nichols |
| 1983 SP Flaherty | 1997 MJ Jasper | 2011 A Reid |
| 1984 C O'Neill | 1998 M Panteleon | 2012 Y R Gao |
| 1985 BJ Waddell | 1999 E Whiteside | 2013 A Winship |
| 1986 LJ Wilton | 2000 CE Gargett | 2014 J Sutherland |
| 1987 A Stojanoff | 2001 WV Ingman | 2015 E Green |
| 1988 MB Harvey | 2002 J Smith | 2016 J Dunleavy |
| 1989 AH Torney | 2003 AN Sferruzzi-Perri | 2017 Q-N Nguyen |
| 1990 H Massa | 2004 K Webster | 2018 J Walters |
| 1991 DK Gardner | 2005 T Hickey | 2019 A Gaikwad |
| 1992 SW Walkden-Brown | 2006 K Walters | 2020 M Bertram |
| 1993 CM Markey | 2007 C Hogarth | 2021 B Arman |
| 1994 MJ Hötzel, S McDougall | 2008 G Wilson | 2022 A Hawdon |

SRB David Healy New Investigator Award is Sponsored by  

SRB David Healy New Investigator Shortlisted Presenters Sponsored by 



SRB ROBINSON RESEARCH INSTITUTE AWARD FOR RESEARCH EXCELLENCE

| | | |
|--------------------|-----------------|-------------------------|
| 2006 M O'Bryan | 2012 B Nixon | 2018 T Kaitu'u-Lino |
| 2007 E McLaughlin | 2013 J St. John | 2019 K Walters |
| 2008 SA Robertson | 2014 R Robker | 2020 *Not Awarded |
| 2009 RB Gilchrist | 2015 M Baker | 2021 N Hannan |
| 2010 E Dimitriadis | 2016 W Ingman | 2022 P Tanwar |
| 2011 C Gargett | 2017 MP Green | 2023 J James, K Pringle |

SRB Robinson Research Institute Award is Sponsored by 

SRB NEWCASTLE REPRODUCTION EMERGING RESEARCH LEADER AWARD

| | | |
|----------------------|----------------|----------------------------|
| 2011 J Smith, S Tong | 2015 K Walters | 2019 A Winship & K Dunning |
| 2012 K Hutt | 2016 P Tanwar | 2020 E Bromfield |
| 2013 T Kaitu'u-Lino | 2017 K Walton | 2021 R Nosrati |
| 2014 D Jamsai | 2018 AS Care | 2022 L McClements |

SRB Newcastle Reproduction Emerging Research Leader Award is Sponsored by  

SSR-SRB PRESIDENTS' AWARD FOR OUTSTANDING MID-CAREER RESEARCHER

2018 MP Green
2019 T Kaitu'u-Lino

SRB MLA NEW SCIENTIST AWARD (DISCONTINUED 2016)

| | | |
|------------------------|------------------------|------------------------|
| 2004 T Hussien | 2008 T Flatscher-Bader | 2014 M Sutton-McDowell |
| 2005 M Herrid | 2009 M Bertoldo | 2015 T Leahy |
| 2006 P Hawken, Z Zhang | 2011 L Malaver-Ortega | |
| 2007 KH Beilby | 2013 D Bartolini | |

CENTRE FOR REPRODUCTION AND GENOMICS STUDENT POSTER AWARD (DISCONTINUED 2012)

2008 A Zhou
2009 I Tan
2010 YM Soh
2011 Y Nakaya

CENTRE FOR REPRODUCTION AND GENOMICS ECR POSTER AWARD (DISCONTINUED 2012)

2008 E Menkhorst
2009 P Paiva
2010 YX Chen
2011 C Itman

HUDSON INSTITUTE OF MEDICAL RESEARCH CENTRE FOR REPRODUCTIVE HEALTH “AWARD FOR EXCELLENCE” FOR BEST ECR POSTER

| | | |
|-----------------|-----------------------|-------------------------|
| 2012 SY Chai | 2016 A Winship | 2020 *Not Awarded |
| 2013 K Palmer | 2017 H Groome | 2021 J Martin, R Oberin |
| 2014 J Stringer | 2018 AC Kleinert | 2022 S Cheers |
| 2015 N Nicolas | 2019 D Skerrett-Byrne | |

“Award For Excellence” For Best ECR Poster Award is Sponsored by



HUDSON INSTITUTE OF MEDICAL RESEARCH CENTRE FOR REPRODUCTIVE HEALTH “AWARD FOR EXCELLENCE” FOR BEST MCR POSTER

| | | |
|---------------------|-----------------|-------------------|
| 2012 T Kaitu’u-Lino | 2016 K Redgrove | 2020 *Not Awarded |
| 2013 SH Liew | 2017 L Lindsay | 2021 T Lord |
| 2014 E Menkhorst | 2018 J Stringer | 2022 J Martin |
| 2015 Z Gibb, L Wu | 2019 L Akison | |

“Award For Excellence” For Best MCR Poster Award is Sponsored by



MERCY PERINATAL MID-CAREER WOMEN’S HEALTH MEDAL

| | | |
|---------------|------------------------------|---------------------|
| 2021 P Tanwar | 2022 Tu’uhevaha Kaitu’u-Lino | 2023 Natalie Hannan |
|---------------|------------------------------|---------------------|

Mercy Perinatal Mid-Career Women’s Health Medal is Sponsored by



THE OOZOA STUDENT AWARD (DISCONTINUED 2020)

| | | |
|-----------------|------------------|-----------------|
| 2008 M Dun | 2012 G Kerr | 2016 L Prokopuk |
| 2009 H Bakos | 2013 T Lord | 2017 B Mihalas |
| 2010 A Sobinoff | 2014 J Olcron | 2018 Q-N Nguyen |
| 2011 L Frank | 2015 D Listijono | 2019 J Greaney |

ART LAB SOLUTIONS GAMETE AND EMBRYO AWARD

| | | |
|----------------------|---------------|---------------|
| 2020 T Tan & U Sarma | 2021 G Burnet | 2022 E Jarred |
|----------------------|---------------|---------------|

ART Lab Solutions Gamete and Embryo Award is Sponsored by



AUSTRALIAN AND NEW ZEALAND PLACENTA RESEARCH ASSOCIATION (ANZPRA) NEW INVESTIGATOR AWARD

| | | |
|------------------|----------------------|----------------------------|
| 2010 C Viall | 2015 R Crew | 2020 M Griffiths |
| 2011 G Kafer | 2016 J Kalisch-Smith | 2021 A Boss |
| 2012 K Palmer | 2017 A Arthurs | 2022 C Richards & E Lovell |
| 2013 F Brownfoot | 2018 Y Wang | |
| 2014 S Heng | 2019 S Delforce | |

ANZPRA New Investigator Award is Sponsored by



RFD-SRB PUBLICATION OF THE YEAR AWARD

| | | |
|--|---------------------------------------|--------------------------------------|
| 2014 SJ Holdsworth-Carson et al. (J Girling) | 2016 J Haverfield et al. (SJ Meacham) | 2019 A Pask, M Green et al. (A Pask) |
| 2015 SL Wong et al. (ML McDowall) | 2017 K Walters et al. (K Walters) | 2020 V Atashgaran (W Ingman) |
| | 2018 A Winship et al. (A Winship) | 2021 B Nixon et al. (B Nixon) |

RFD-SRB Publication of The Year Award is Sponsored by



SRB TJ ROBINSON AWARD (4 YEAR)

2002 CG Grupen
2006 KM Morton

2010 T Leahy
2016 T Keeley

2020 J Rickard

SRB BRIAN SETCHELL VISITING LECTURER AWARD

2014 D Russell
2015 P Western
2016 K Walters (May), J Girling
(Nov)

2017 C Grupen (May), K Pringle
(Nov)
2018 N Hannan (May), S de Graaf
(Nov)
2019 A Pask (May), P Murthi (Nov)

2020 *Not Awarded
2021 *Not Awarded
2022 T Kaitu'u-Lino
2023 M Green

SRB ECR COLLABORATIVE RESEARCH TRAVEL AWARD

2012 K Pringle & J McGuane
2013 L Wu & WS Yuen, K Webster & K Diener
2014 D Ireland & E Menkhorst, B Menzies & J Schjenken
2015 H Brown & S Buckberry, L Akison & J Liew
2016 S Reegan & S Mukherjee, M Pankhurst & R Kelley
2017 J Sutherland & K Dunning, F Brownfoot & S Delforce

2018 A Swinbourne & T Keeley
2019 AS Care & A Winship
2020 *Not Awarded
2021 *Not Awarded
2022 M Griffiths, C Miller



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Reference: 1. Somatuline® Autogel® Approved Product Information.

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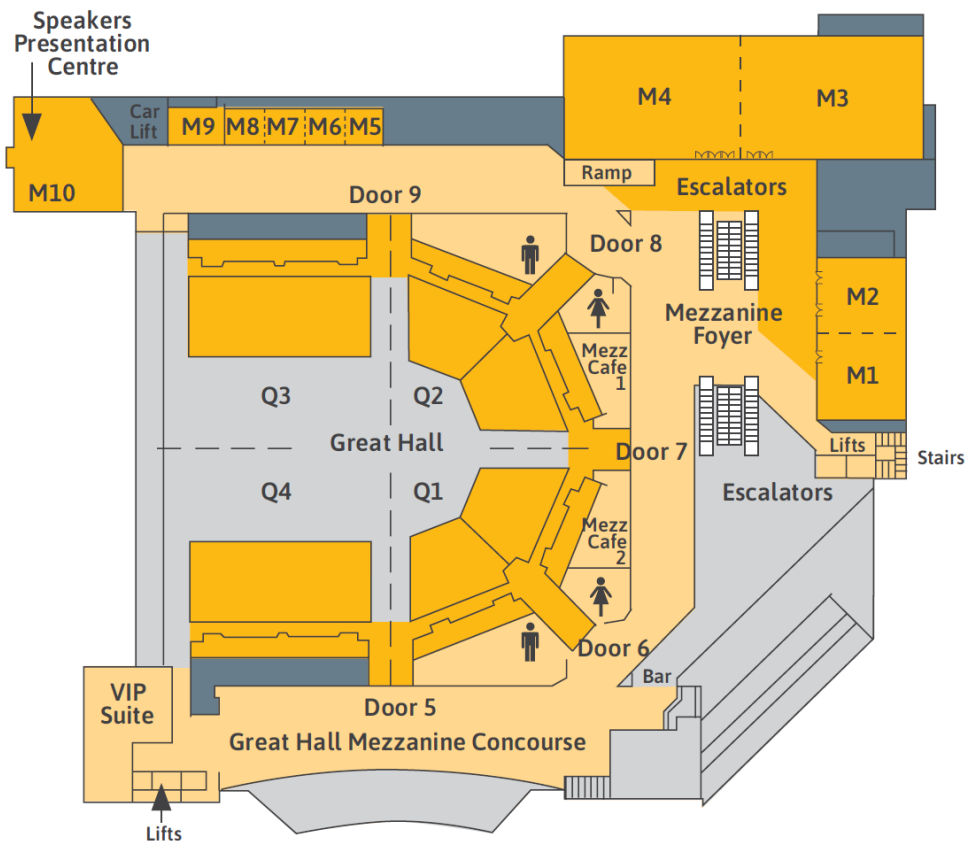
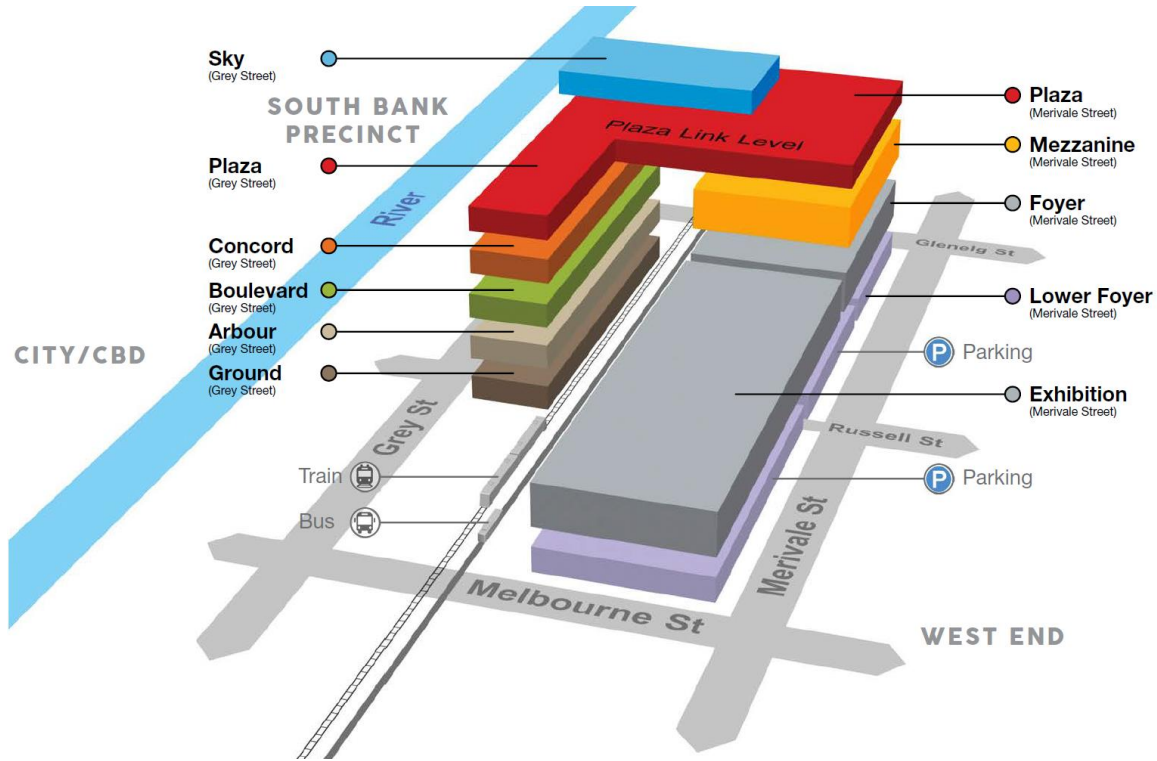
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- the treatment of symptoms of carcinoid syndrome associated with carcinoid tumours.
- the treatment of gastroenteropancreatic neuroendocrine tumours (GEP-NETs) in adult patients with unresectable locally advanced or metastatic disease.

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DELEGATE INFORMATION

VENUE

Brisbane Convention & Exhibition Centre
 Glenelg St, South Brisbane
 Ph: +61 7 3308 3000



THE INFORMATION DESK

The Information Desk is located in the Grey Street & Merivale foyers of the Brisbane Conference and Exhibition Centre. Any enquiries can be directed to ASN staff there other than those about accommodation which should be dealt directly with your hotel.

THE SPEAKER PREPARATION ROOM

Presentations are to be loaded in the Speakers Presentation Centre M10, which is located on the Mezzanine level. You should bring your presentation on a USB, saved in a format for display on a PC within the room. A technician will be on hand to assist with any transfer / loading issues and to help you check your presentation.

INCLUDED IN YOUR REGISTRATION

Conference delegates receive the following services as part of their registration:

- Access to the sessions of your choice
- Conference book
- Use of the Conference App
- Morning and/or afternoon tea for the days of nominated attendance
- Lunches on the days of nominated attendance
- Welcome Reception (Sunday 26th November)
- Conference Dinner (Included with some registration types)

NAME TAGS

Delegates are required to wear their name tags to all scientific and catered sessions. Uniformed security is in attendance on the doors of the exhibition area and name tags are required to gain access. Delegates should note that all social function tickets, workshops and symposiums will be printed on their name tags.

POSTER VIEWING

Delegates with posters can find the correct position for their poster by locating the appropriate abstract number on the display panels. The panels are set up in the Exhibition Space in Halls 1, 3 and 4. Use the poster listing reference (or ESA-SRB smart phone App) to identify your abstract number and poster position. All posters can be mounted at the Welcome Reception on Sunday and must be removed by morning tea on Wednesday. The official ESA-SRB Poster session will run from 5.30 PM – 7.30 PM on Monday 27th November. Delegates should stand next to their poster during this session.


BREAKFAST & LUNCHTIME SESSIONS

There are several Breakfast and Lunchtime sessions running during the conference. Please note that catering will be provided outside of these rooms for those who have pre-registered their attendance. If you are unsure if you've signed up for a specific session, please see the ASN staff at the registration desk.

SOCIAL FUNCTIONS

WELCOME RECEPTION

Date: Sunday 26th November | **Time:** 6:00pm – 8:00pm | **Venue:** Great Hall 1, 3 & 4 Brisbane Convention and Exhibition Centre | **Cost:** Included with registration. **Additional ticket:** \$50

The ESA-SRB Welcome Reception is supported by 

JOINT POSTER VIEWING

Date: Monday 27th November | **Time:** 5:30pm – 7:30pm | **Venue:** Great Hall 1, 3 & 4 Brisbane Convention and Exhibition Centre | **Cost:** Included with registration

‘MEETING OF THE MINDS’ NETWORKING FUNCTION

Date: Monday 27th November | **Time:** 8:00PM – 10:30PM | **Venue:** The Plough Inn, Brisbane | **Cost:** \$35 student, \$55 non-student.

ESA-SRB CONFERENCE DINNER

Date: Tuesday 28th November | **Time:** 7:00PM – late | **Venue:** Plaza Terrace Room, Brisbane Convention & Exhibition Centre
Cost: Included with some registration types. \$80 student, \$120 regular. **Additional tickets:** \$140
After party venue: *Barbossa Bar & Bottle Shop | South Brisbane | 7/166 Grey St, South Brisbane QLD 4101*

WI-FI INTERNET

There is complimentary Wi-Fi available for delegates within the Brisbane Convention & Exhibition Centre for the duration of the conference. To access simply:

Select ‘BCECLINK’ wireless service via Settings > Wi-Fi

Open your preferred internet browser (such as Safari, Firefox or Internet Explorer).

The BCECLINK Wi-Fi login page will appear in your browser

Read the terms and conditions page and choose to agree in order to connect.

Click the CONNECT button.

CONFERENCE APP

Download the ESA-SRB App to access the latest information on the Conference! You can 'favourite' sessions of interest, view floorplans, read abstracts and search for speakers by name.

Use these tips to get the most out of the app:

- As a Native App its reliance on Wi-Fi is minimal, so we recommend downloading it ASAP so you’re ready to explore its features at the conference.
- Be mindful the large program may take a moment to download the first time you open it.
- Search for your favourite authors in the schedule.

To download the ESA-SRB App onto your smart phone or tablet device follow these instructions:

- Search for ‘Currinda’ via the App Store or Google Play.
- Once you have downloaded the App, you will be prompted to log in.
- First you must click on the ‘Client’ box and search for ‘ASN’.
- Select ‘ASN’ and then you can log in with your email address and password you used to register for the conference.

If you have any questions, please ask the staff at the Information Desk on site.

PHOTOS, VIDEOS AND SOCIAL MEDIA

TAKING PICTURES/VIDEOS OF PRESENTATIONS

Respect the research. No photos or videos please. The Societies support learning and collaboration through presentation and discussion of new science. If you like what you see, talk to the presenter: you will have a better, more long-term experience and relationship than just a photo.

SOCIAL MEDIA

You may share photos of yourself at the meeting on the Societies’ social media outlets (which will be monitored throughout the meeting), but you should obtain consent before posting photos of others at the meeting. Sharing of intellectual property or the detail of data slides or posters is strictly prohibited.

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SMOKING

Smoking is not permitted in the venue.

MOBILE PHONES

Please ensure your mobile phone is turned off or to silent during any session you attend.

INSURANCE

The hosts and organisers are not responsible for personal accidents, any travel costs, or the loss of private property and will not be liable for any claims. Delegates requiring insurance should make their own arrangements.

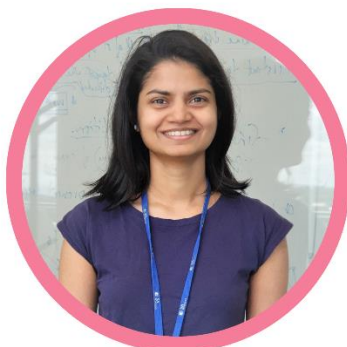
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The hosts, organisers and participating societies are not responsible for, or represented by, the opinions expressed by participants in either the sessions or their written abstracts.

ESA-SRB INVITED PLENARY LECTURERS



Dr Sophie Aparici
Universitat de València/INCLIVA
SRF/SRB Exchange Lecturer



Dr Rayzel Fernandes
Imperial College London, UK
ESA-SfE Exchange Lecturer



Prof Janet Hall
*National Institute of Environmental
Health Sciences, NIH, USA*
ESA Taft Lecturer



Prof Mark Hedger
Hudson Institute of Medical Research
SRB Founders Medal Lecturer



A/Prof Monica Laronda
Northwestern University
SSR-SRB Exchange Lecture



Prof Serge Nef
University of Geneva, Switzerland
SRB President's Lecturer



Prof Bill Rainey
University of Michigan, USA
ESA Harrison Medal Lecturer



Prof Bu Yeap
University of Western Australia
ESA-SRB Joint Plenary



Ms Lisa Shepherd
University of Birmingham, UK
ENSA Plenary Speaker

ESA SYMPOSIA SPEAKERS

Mr Tim Baker

Griffith University

Dr Emma Boehm

Peter MacCallum Cancer Centre

A/Prof Simon Chu

Hudson Institute of Medical Research

Prof Tim Cole

Monash University

Dr James Cuffe

University of Queensland

A/Prof Sunita De Sousa

University of Adelaide

Dr Amy Dwyer

University of Adelaide

Dr Rayzel Fernandes

Imperial College London, UK

Dr Anne-Louise Gannon

University of Newcastle

Prof Christopher Gilfillan

Eastern Health

A/Prof Christian Girgis

University of Sydney

Dr Dinny Graham

The Westmead Institute for Medical Research

Prof Shane Hamblin

Western Health

Dr Christina Jang

Royal Brisbane and Women's Hospital

A/Prof Jo James

University of Auckland

Dr Anju Joham

Monash Health

Dr Jwu Jin Khong

The Royal Victorian Eye and Ear Hospital

A/Prof Michelle McDonald

Garvan Institute of Medical Research

Dr James McNeil

Royal Adelaide Hospital

Dr Anish Menon

University of Queensland

A/Prof Frances Milat

Hudson Institute of Medical Research

Prof Karen Moritz

University of Queensland

Prof Stephen Nicholls

Monash Health

A/Prof David Pattison

Royal Brisbane & Women's Hospital & University of Queensland

Prof Gail Risbridger

Monash University

Dr Nicholas Russell

Austin Health

A/Prof Luke Selth

Flinders Health and Medical Research Institute, Flinders University

Dr Jimmy Shen

Hudson Institute of Medical Research and Monash Health

Prof Bronwyn Stuckey

UWA Medical School, Internal Medicine

Dr Mitchell Sullivan

Mater Research

Dr Lyndal Tacon

Royal North Shore Hospital

Dr Chau Thien (Jillian) Tay

Monash University

Prof Ranjeny Thomas

Frazer Institute

Dr Moe Thuzar

University of Queensland, Diamantina Institute

Prof Matthew Watt

University of Melbourne

Dr Kelly Walton

University of Queensland

A/Prof John Wentworth

Walter and Eliza Hall Institute of Medical Research

Dr Anna Wood

Royal Darwin Hospital

SRB SYMPOSIA SPEAKERS

A/Prof Ada Cheung
University of Melbourne

Dr Natasha De Alwis
University of Melbourne

A/Prof Margot Day
University of Sydney

Dr Michael Garratt
University of Otago

Dr Frank Grutzner
University of Adelaide

Prof Gary Hime
University of Melbourne

A/Prof Karla Hutt
Monash University

A/Prof Wendy Ingman
University of Adelaide

A/Prof Jo James
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Dr Mitchell Lawrence
Monash University

Dr Angela Lees
University of Queensland

Dr Jacinta Martin
University of Newcastle

Dr Deidre Mattiske
University of Melbourne

Dr Ellen Menkhorst
*University of Melbourne and Royal
Women's Hospital*

Dr Olivia Nonn
*Charité University Medicine, Berlin,
Germany*

A/Prof Ken Pang
University of Melbourne

Dr Michael Pankhurst
University of Otago, NZ

Prof Jose Polo
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Dr David Simmons
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Monash University

Dr Shafiq Syed
University of Newcastle

Dr Patrick Thomsen
University of Auckland

A/Prof Patrick Western
*Hudson Institute of Medical
Research*

JOINT SYMPOSIA SPEAKERS

Dr Sarah Catford
*Hudson Institute of Medical
Research*

Prof Vicki Clifton
University of Queensland

Prof Roderick Clifton-Bligh
University of Sydney

Ms Julie Hetherington
Royal Prince Alfred Hospital

A/Prof Warrick Inder
Princess Alexandra Hospital

Dr Brett McWhinney
Queensland Health

Prof Craig Munns
The University of Queensland

Ms Liza Nery
Royal North Shore Hospital

Dr Michael Pankhurst
University of Otago, NZ

Dr Lisa Raven
*Garvan Institute of Medical
Research*

Prof Michael Stowasser
Princess Alexandra Hospital

Dr Kelly Walton
University of Queensland

PROGRAM AT A GLANCE

SUNDAY, 26 NOVEMBER 2023

ESA-SRB-ENSA ROOM GRID KEY

| | | | | | | | | |
|-----|-----|------|---------|----------|------------|----------------|-----------------|--------------------|
| ESA | SRB | ENSA | ESA/SRB | ESA-ENSA | SRB/ANZPRA | Catered Breaks | Social Function | Industry Symposium |
|-----|-----|------|---------|----------|------------|----------------|-----------------|--------------------|

| | Great Hall 1, 3 & 4 | Great Hall 2 | Mezzanine M4 | Mezzanine M5 & M6 |
|-------------------|--|--|--|---------------------|
| 9:00am - 10:00am | | SRB Welcome & SRB Presidents Lecture | | |
| 10:00am - 10:30am | | SRB Morning Tea | | |
| 10:30am - 12:30pm | | SRB Newcastle Award Session | | |
| 12:30pm - 1:30pm | | | Joint ESA-SRB Education Workshop | SRB Student Meeting |
| 1:30pm - 3:30pm | | SRB Symposium - Environmental impacts on Reproduction | SRB Symposium - Cellular basis of reproduction | ESA Council Meeting |
| 3:30pm - 4:00pm | | | SRB afternoon tea in foyer | |
| 4:00pm - 4:30pm | | | | |
| 5:00pm - 6:00pm | | ESA Presentation Awards Paul Lee Best Abstract Young Investigator Scientific Article Award - Basic Science Young Investigator Scientific Article Award - Clinical | SRB Symposium - Inclusivity in Reproductive Health | |
| 6:00pm - 8:00pm | Welcome Reception & Indigenous Welcome | | | |

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References: 1. Saizen[®] Approved Product Information, October 2019. 2. Pharmaceutical Benefits Scheme. Available at: www.pbs.gov.au. [Accessed 1 November 2023]

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MONDAY, 27 NOVEMBER 2023

ESA-SRB-ENSA ROOM GRID KEY

| | ESA | SRB | ENSA | ESA/SRB | ESA-ENSA | SRB/ANZPRA | Catered Breaks | Social Function | Industry Symposium |
|-------------------|--|-----|---|---------|---|------------|---|--|---|
| | Great Hall 1, 3 & 4 | | Great Hall 2 | | Mezzanine M4 | | Mezzanine M3 | Mezzanine M2 | Mezzanine M1 |
| 7:00am - 8:00am | | | Spotlight Seminar Breakfast: Cardiovascular disease & obesity - Prof Stephen Nicholls | | | | | | |
| 8:00am - 8:30am | | | ESA Harrison Lecturer - Prof Bill Rainey | | SRB Orals - Gametes to Embryos | | SRB Orals - Placental insufficiency and Long Term Outcomes | SRB Orals - Male Reproductive Tract | President's Welcome & Opening Plenary 8:00am - 8:15am |
| 8:30am - 9:30am | | | Ken Wynne Awards + ESA ECR Update | | | | | | Nurses in Action 8:15am - 9:15am |
| 9:30am - 10:00am | | | | | | | | | Lisa Shepherd Preventing Adrenal crisis - is it more than just patient education? 9.15am - 10:00am |
| 10:00am - 10:30am | ESA, SRB & ENSA Morning Tea | | | | | | | | |
| 10:30am - 11:30am | | | ESA/ENSA Joint Symposium - Adrenal/Dynamic Testing | | SRB Plenary Founder's Lecture - Prof Mark Hedger | | | ESA Symposium - Hormone-Related Cancers | Combined session with ESA in Great Hall 2 |
| 11:30am - 12:30pm | | | | | SRB Orals - Assisted Reproductive Technology | | SRB Orals - Oocyte Development & Maintenance | | |
| 12:30pm - 1:00pm | | | | | | | | | |
| 1:00pm - 1:30pm | ESA, SRB & ENSA Lunch | | | | SRB Hudson ECR/MCR Poster Prize Finalists Lightning Talks (12:45 - 13:15) | | ESA Meet the Expert - Christian Girgis - Clinical challenges in bone (Clinical) | Lunch & Learn: ESA Basic Science Forum (13:00 - 13:30) | |
| 1:30pm - 2:15pm | | | ESA Symposium - Autoimmune Endocrinopathies | | SRB ART Lab Awards | | ESA Basic Science Orals and Lightning Talks | | Warrick Inder - An Ode to the "Special Tests Sisters" Why EVERY Tertiary Endocrinology Department needs an Endocrine Nursing Service |
| 2:15pm - 3:00pm | | | | | | | | | Lisa Shepherd The changing role of UK Endocrine Nursing and its application to Australian and global practice |
| 3:00pm - 3:30pm | ESA, SRB & ENSA Afternoon Tea | | | | | | | | |
| 3:30pm - 4:00pm | | | | | | | | | Liza Nery X Linked Hypophosphatemia and Burosumab treatment in adults |
| 4:00pm - 5:00pm | | | ESA Gail Risbridger Junior Scientist Award | | Joint SRB-ANZPRA Symposium - Novel models for Pregnancy Research | | SRB Symposium - Reproductive Cancers | ESA Clinical Orals and Lightning Talks | Craig Munns Rare Genetic Bone diseases in Children, Diagnosis and Management |
| 5:00pm - 5:30pm | | | | | | | | | ENSA AGM (16:45 - 17:30) |
| 5:30pm - 7:00pm | Joint poster viewing with drinks & nibbles | | | | | | | | |
| 7:00pm - 7:30pm | | | | | | | | | |
| 8:00pm - 10:30pm | | | | | | | | | ENSA Dinner & Nurses in Action Awards Podium 1 - Rydges Southbank |
| | OFFSITE - Meeting of Minds Student Function (The Plough Inn) | | | | | | | | |

TUESDAY, 28 NOVEMBER 2023

ESA-SRB-ENSA ROOM GRID KEY

| | | | | | | | | |
|-----|-----|------|---------|----------|------------|----------------|-----------------|--------------------|
| ESA | SRB | ENSA | ESA/SRB | ESA-ENSA | SRB/ANZPRA | Catered Breaks | Social Function | Industry Symposium |
|-----|-----|------|---------|----------|------------|----------------|-----------------|--------------------|

| | Great Hall 1, 3 & 4 | Great Hall 2 | Mezzanine M3 | Mezzanine M2 | Mezzanine M1 |
|-------------------|---------------------------|---|--|---|---|
| 7:00am - 8:30am | | | | GSK Breakfast Session - Shingles and Diabetes: Risk, Burden and Impact of Shingles Prevention | ESA-SRB Workshop: Science Communication |
| 8:30am - 9:20am | | ESA Taft Plenary - Prof Janet Hall | Robinson Research Institute Award I & Mercy Perinatal Mid-Career Medal | | |
| 9:20am - 10:00am | | ESA-SfE Exchange Award & Clinical Endocrinology Journal Early-Career Research Award | Robinson Research Institute Award I & Mercy Perinatal Mid-Career Medal | | |
| 10:00am - 10:30am | ESA & SRB Morning Tea | | | | |
| 10:30am - 11:00am | | ESA Symposium - Steroid hormone receptors and selective modulators | SRF Exchange Lecturer - Dr Sophie Aparici | ESA Hot Topics | |
| 11:00am - 11:50am | | | | | |
| 11:50am - 12:00pm | | | SRB-ANZPRA Awards | | |
| 12:00pm - 12:30pm | | ESA AGM | | | |
| 12:30pm - 1:00pm | | | | | |
| 1:00pm - 1:30pm | ESA & SRB Lunch | | Joint ESA-SRB ECR Career Development Workshop | | ESA Meet the Expert - Michelle McDonald - New insights in bone research (Basic Science) |
| 1:30pm - 2:00pm | | | ESA/SRB Symposium - Reproductive Endocrinology & Infertility | SRB Orals - Uterus, Endometrium and Implantation | SRB Orals - Producing Quality Sperm |
| 2:00pm - 3:30pm | | ESA - Bryan Hudson Clinical Awards | | | |
| 3:30pm - 4:00pm | ESA & SRB Afternoon Tea | | | | ESA Sustainability Interest Group - Open to all attendees |
| 4:00pm - 6:00pm | | ESA Symposium - Women's Health | SRB - David Healy New Investigator Awards | ESA Basic Science and Clinical Orals (Growth and Cancer) | |
| 6:00pm - 6:15pm | | | Robinson Research Institute Award II | | |
| 7:30pm - 11:00pm | ESA-SRB Conference Dinner | | | | |

WEDNESDAY, 29 NOVEMBER 2023

| ESA-SRB-ENSA ROOM GRID KEY | | | | | | | | |
|----------------------------|--------------|--------------|--------------|--|---|----------------|--|--|
| ESA | SRB | ENSA | ESA/SRB | ESA-ENSA | SRB/ANZPRA | Catered Breaks | Social Function | Industry Symposium |
| Great Hall 1, 3 & 4 | Great Hall 2 | Mezzanine M3 | Mezzanine M2 | Mezzanine M1 | | | | |
| 7:00am - 8:00am | | | | | | | Eli Lilly Breakfast Session - Exploring GIP Physiology in the Human Body and Its Role in Type 2 Diabetes | |
| 8:00am - 8:30am | | | | | | | | SRB-SSR Exchange Lecture - A/Prof Monica Laronda |
| 8:30am - 9:30am | | | | ESA Symposium - Diabetes, Obesity and the Metabolic Syndrome | ESA Symposium - Nuclear Endocrine Imaging | | SRB Symposium - Evolution of Reproductive Mechanisms | SRB Orals - Pregnancy and Placenta |
| 9:30am - 10:30am | | | | | | | | |
| 10:30am - 11:00am | | | | | | | ESA & SRB Morning Tea | |
| 11:00am - 12:00pm | | | | | | | | ESA-SRB Plenary - Prof Bu Yeap |



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ESA-SRB PROGRAM

SUNDAY 26TH NOVEMBER 2023

SRB WELCOME AND SRB PRESIDENTS LECTURE - PROF SERGE NEF

9:00AM - 10:00AM

Great Hall 2

Chair: Brett Nixon

9:00 AM **Serge Nef** (*University of Geneva, Geneva, Switzerland*)

Studying neglected cell populations of the developing testis and their functions

abs# 1

SRB MORNING TEA

10:00AM - 10:30AM

Mezzanine M4

SRB NEWCASTLE AWARD SESSION

10:30AM - 12:30PM

Great Hall 2

Chairs: Kate Loveland & John Schjenken

10:30 AM **Elena Tucker** (*Murdoch Children's Research Institute, Melbourne, Australia*)

S. Jaillard, S. Bakhshalizadeh, K.M. Bell, D.H. Hock, G. Robevska, J. van den Bergen, B.L. Kline, K.L. Ayers, P. Touraine, C. Hanna, S.R. Grover, G.R. Hime, D.A. Stroud, A.H. Sinclair

SRB Newcastle Reproduction Emerging Research Leader Award Presentation - Title to be confirmed

abs# 2

11:00 AM **Nicole McPherson** (*University of Adelaide, Adelaide, SA, Australia*)

Rethinking the importance of men in assisted reproductive technology

abs# 3

11:30 AM **Joshua Fisher** (*Hunter Medical Research Institute, School of Medicine and Public Health, College of Health, Medicine and Wellbeing, The University of Newcastle, NSW, Australia*)

The role of mitochondria in programming placental and fetal growth

abs# 4

12:00 PM **Jessica Rickard** (*Faculty of Science, School of Life and Environmental Sciences, University of Sydney, Sydney, NSW, Australia*)

S. Warr, S. de Graaf, T. Pini

Coping with the cold: How does the ovine cervix respond to frozen sperm?

abs# 5

JOINT ESA-SRB EDUCATION WORKSHOP

12:30PM - 1:30PM

Mezzanine M4

Chairs: Lisa Akison & Craig Harrison

12:30 PM **Welcome to the Session**

12:35 PM **Demystifying teaching roles in higher education**

12:45 PM **Pathways to teaching in higher education**

- Case study 1: from Research Fellow to T&R academic (Nursing & Midwifery) - Dr James Cuffe (University of QLD)
- Case study 2: from Research Fellow to T&R academic (Biomedical Sciences - A/Prof Craig Harrison (Monash)
- Case-study 3: from Research Fellow to TF academic - Dr Lisa Akison (University of QLD)
- Case study 4: from PhD student to head tutor - Dayna Zimmerman (University of QLD)

13:20 PM **Final questions/comments and close**

Lunch boxes included on Mezzanine level for all attendees of this session.

SRB STUDENT MEETING

12:30PM - 1:30PM

Mezzanine M5 & M6

Chair: Bianca Fato

12:30 PM Students seated with lunch boxes

12:40 PM Welcome, student address and Welcoming of incoming student representative

12:45 PM Invited Presentation – Prof. Andy Pask

12:55 PM Invited Presentation – Dr. Ella Green

13:05 PM Interactive discussion with invited speakers and students

13:20 PM informal networking

Lunch boxes included on Mezzanine level for all attendees of this session.

SRB SYMPOSIUM - ENVIRONMENTAL IMPACTS ON REPRODUCTION

1:30PM - 3:00PM

Great Hall 2

Chairs: Zamira Gibb & Stephen Frankenberg

- 1:30 PM **Jacinta Martin** (*Priority Research Centre in Reproductive Science (PRC), University of Newcastle, Callaghan, Newcastle, NSW, Australia*)
E. Simpson, J. Schjenken, S. Smyth, L. Calvert, A. Anderson, I. Bernstein, T. Lord, M. Green, S. Roman, B. Nixon
Offspring and the Influence of Perfluoroalkyl And Polyfluoroalkyl Substance Exposure during critical developmental periods abs# 6
- 2:00 PM **Angela M Lees** (*The University of Queensland, Gatton, QLD, Australia*)
A.L. Wallage, J.B. Gaughan, S.D. Johnston
The impacts of heat stress on bovine reproduction: A case for using whole-body heat challenges to understand the impacts of heat load on reproductive function in males abs# 7
- 2:30 PM **Deidre Mattiske** (*University of Melbourne, Melbourne, VIC, Australia*)
A fertility legacy: how environmental pollutants are affecting reproductive health abs# 8

SRB SYMPOSIUM - CELLULAR BASIS OF REPRODUCTION

1:30PM - 3:30PM

Mezzanine M4

Chairs: Cassy Spiller & Rheannon Blucher

- 1:30 PM **Jose Polo** (*The University of Adelaide, Adelaide, SA, Australia*)
Understanding human reprogramming: A journey from epiblast to trophoblast and into iBlastoids abs# 10
- 2:00 PM **Patrick Western** (*Department of Molecular and Translational Science, Monash University, Clayton, Vic, Australia*)
S. Petautschnig, R. Oberin, E. Jarred, Z. Qu, N. Youngson, T. Tsai, R. Blucher, H. Bildsoe, S. Peterson, M. Truong, N. McGregor, E. Jaehne, Q. Zhang, J. Stringer, W. Gibson, J. Carroll, D. Gardner, M. van den Buuse, N. Sims, D. Adelson
Setting a foundation for future offspring: Polycomb-dependent epigenetic programming in the maternal germline abs# 11
- 2:30 PM **Gary R Hime** (*Anatomy and Physiology, University of Melbourne, Parkville, Vic, Australia*)
N.A. Siddall, N. Dominado, F. Casagrande, Q. Yang, F. Wijaya, S. Bakhshalizadeh, B. Houston, E.J. Tucker, K.L. Ayers, M. O'Bryan, A.H. Sinclair
Analysing genetic regulation of reproduction using a *Drosophila* model abs# 12
- 3:00 PM **Margot Day** (*School of Medical Sciences, Sydney University, Camperdown, NSW, Australia*)
Understanding the mechanisms by which specific amino acids improve pre-implantation embryo development abs# 13

ESA COUNCIL MEETING

1:30PM - 4:30PM

Mezzanine M5 & M6

SRB AFTERNOON TEA

3:30PM - 4:00PM

Mezzanine M4

SRB SYMPOSIUM - INCLUSIVITY IN REPRODUCTIVE HEALTH

4:00PM - 6:00PM

Mezzanine M4

Chairs: Natalie Hannan & Janet Pitman

- 4:00 PM **Ada Cheung** (*Trans Health Research Group, Department of Medicine, The University of Melbourne, Heidelberg, VIC, Australia*)
Transgender health and reproductive health; similarities and challenges abs# 14
- 4:25 PM **Ken Pang** (*Murdoch Childrens Research Institute, Parkville, VIC, Australia*)
Challenging common assumptions regarding the reproductive health of trans women abs# 15
- 4:45 PM **Patrick Thomsen** (*The University of Auckland, Auckland, New Zealand*)
Doing Health and Wellbeing Research with Pacific Rainbow+ Communities in Aotearoa-New Zealand: Insights from the Manalagi Project abs# 16
This session will be concluded with a panel discussion.

ESA PRESENTATION AWARDS

ESA PAUL LEE BEST ABSTRACT AWARD

5:00PM - 5:15PM

Great Hall 2

Chairs: Jun Yang & Bu Yeap

5:00 PM **Moe Thuzar** (*Department of Endocrinology & Diabetes, Princess Alexandra Hospital, Brisbane, Queensland, Australia*)
K. Zaal, D. Ma, M. Morkos, B. McWhinney, J. Ungerer, M. Stowasser
Optimal Adrenal Vein Sampling Lateralization criteria for diagnosis of Unilateral Primary Aldosteronism using aldosterone concentration measured by LC-MS/MS post-ACTH stimulation *abs# 17*

ESA YOUNG INVESTIGATOR SCIENTIFIC ARTICLE AWARD - BASIC SCIENCE

5:15PM - 5:35PM

Great Hall 2

Chairs: Jun Yang & Bu Yeap

5:15 PM **Laura H Porter** (*Monash University, Clayton, VIC, Australia*)
J.J. Zhu, N.L. Lister, S.G. Harrison, S. Keerthikumar, D.L. Goode, R. Quezada Urban, D.J. Byrne, A. Azad, I. Vela, M.S. Hofman, P.J. Neeson, P.K. Darcy, J.A. Trapani, R.A. Taylor, G.P. Risbridger
Unlocking the potential of CAR T cell immunotherapy for the treatment of prostate cancer *abs# 18*

ESA YOUNG INVESTIGATOR SCIENTIFIC ARTICLE AWARD - CLINICAL

5:35PM - 5:55PM

Great Hall 2

Chairs: Jun Yang & Bu Yeap

5:35 PM **Nick Russell** (*Department of Endocrinology, The Northern Hospital, Epping, VIC, Australia*)
ESA Young Investigator Scientific Article Award (Clinical) – Oral abstract for ESA ASM *abs# 19*

WELCOME RECEPTION & INDIGENOUS WELCOME TO COUNTRY

6:00PM - 8:00PM

Great Hall 1, 3 & 4

This event is kindly supported by



MONDAY 27TH NOVEMBER 2023

SPOTLIGHT SEMINAR BREAKFAST: CARDIOVASCULAR DISEASE & OBESITY

7:00AM - 8:30AM

Great Hall 2

Chairs: Christopher Gilfillan & Jennifer Wong

6:30 AM **Stephen Nicholls** (*Monash Health, Clayton, VIC, Australia*)

Incretin targeted therapies and cardiovascular risk

abs# 20

Breakfast is included for all attendees of this session on the Mezzanine level.

ESA HARRISON LECTURER - PROF BILL RAINEY

8:30AM - 9:30AM

Great Hall 2

Chair: Ann McCormack

8:00 AM **William Rainey** (*Departments of Molecular & Integrative Physiology and Internal Medicine , The University of Michigan, USA*)

Genetic and cellular origins of adrenal primary aldosteronism

abs# 21

SRB ORALS - GAMETES TO EMBRYOS

8:00AM - 10:00AM

Mezzanine M4

Chairs: Josephine Bowles & Jessica Dunleavy

8:00 AM **Linda Shearwin-Whyatt** (*School of Biological Science, University of Adelaide, Adelaide, SA, Australia*)

J. Fenelon, H. Yu, A. Major, J. Galbraith, K. Shearwin, S. Johnston, D. Adelson, C. Smith, M. Renfree, F. Grützner
Anti-Müllerian Hormone Y (AMHY): the candidate sex determining gene of egg-laying mammals

abs# 22

8:15 AM **Robin M Hobbs** (*Hudson Institute of Medical Research, Clayton, VIC, Australia*)

H. La, A. Chan, A. Hutchinson, J. Legrand, F. Rossello, A. Papa, J. Liao

Molecular controls of male germline maintenance and regeneration

abs# 23

8:30 AM **Gerard A Tarulli** (*University of Melbourne, Melbourne, VIC, Australia*)

D.K. Hansen, C.N. Alsterberg, N.D. Kolaitis, P.R. Tatt, S.R. Frankenberg, A.J. Pask

Generation of induced pluripotent stem cells and differentiation of primordial germ cells in the fat-tailed dunnart; an invaluable tool for next-generation marsupial conservation

abs# 24

8:45 AM **Katie Ayers** (*Murdoch Childrens Research Institute, Parkville, Vic, Australia*)

S. Eggers, B. Rollo, N. Davidson, N. Siddall, L. Zhao, J. Bowles, K. Smith, K. Weiss, G. Zanni, L. Burglen, S. Ben Shachar, . Rosensaft, A. Rothschild, A. Jorgensen, R. Schittenhelm, C. Huang, G. Robevska, J. van den Bergen, F. Casagrande, J. Cyza, S. Pachernegg, D. Wright, M. Bahlo, A. Oshlack, T. O'Brien, P. Kwan, P. Koopman, G. Hime, N. Girard, C. Hoffmann, Y. Shilon, A. Zung, E. Bertini, M. Milh, B. Ben Rhouma, N. Belguith, A. Bashambo, K. McElreavey, E. Banne, N. Weintrob, B. Ben Zeev, A. Sinclair

Variants in SART3 underlie a syndromic condition with gonadal dysgenesis

abs# 25

9:00 AM **Katerina B Damyanova** (*The University of Newcastle, Callaghan, NSW, Australia*)

I.R. Berntstein, B. Nixon, T. Lord

Exploring the intersection between metabolism and spermatogonial stem cell function

abs# 26

9:15 AM **Patrick R Tatt** (*School of Biosciences, University of Melbourne, Melbourne, VIC, Australia*)

G.A. Tarulli, K. Damyanova, S.R. Frankenberg, T. Lord, A.J. Pask

Defining the fat-tailed dunnart (*Smithopsis crassicaudata*) seminiferous epithelial cycle and development of marsupial spermatogonial stem cells isolation, enrichment, and culture techniques.

abs# 27

9:30 AM **Yunan Ye** (*Centre for Clinical Research, The University of Queensland, Brisbane, QLD, Australia*)

H.A. Homer

A surge in cytoplasmic viscosity triggers nuclear remodelling required for Dux silencing and preimplantation embryo development

abs# 28

9:45 AM **Danielle Azoulay** (*School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Sydney, NSW, Australia*)

N.I. Cameron, W.T. te Brake, M.B. Morris, M.L. Day

Multiplication of bovine embryos via blastomere separation techniques

abs# 29

SRB ORALS - PLACENTAL INSUFFICIENCY AND LONG TERM OUTCOMES

8:00AM - 10:00AM

Mezzanine M3

Chairs: Claire Roberts & Lucy Bartho

- 8:00 AM **Manju Kandel** (*Mercy Perinatal, Heidelberg, Victoria, Australia*)
L.A. Bartho, N.J. Hannan, P. Cannon, T. Nguyen, N. Pritchard, A. Nguyen, C.N. Murphy, G.P. Wong, S. Tong, T.J. Kaitu'u-Lino
Elucidating the function of Sialic acid-binding immunoglobulin-like lectin-6 (SIGLEC6) in preeclampsia *abs# 30*
- 8:15 AM **Marloes Dekker Nitert** (*Centre for Microbiome Research, School of Biomedical Sciences, Queensland University of Technology, Woolloongabba, QLD, Australia*)
P. Sternes, F. Altemani, H.L. Barrett, L.K. Callaway, D. McIntyre, G. Tyson
Differences in gut microbiota composition and function are present before the development of symptoms of preeclampsia *abs# 31*
- 8:30 AM **Ciara N Murphy** (*Obstetrics, Gynaecology & Newborn Health, The University of Melbourne, Melbourne, Victoria, Australia*)
N.J. Hannan, D. Simmons, T. Nguyen, P. Cannon, M. Kandel, G.P. Wong, A. Nguyen, N. Pritchard, S. Tong, T.J. Kaitu'u-Lino
SPINT1: expression, regulation and function in the developing placenta *abs# 32*
- 8:45 AM **Lana McClements** (*University of Technology Sydney, Sydney, NSW, Australia*)
S. Ghorbanpour, D. Afrose, P. Hansbro, Q. Su, M. Kavurma
New FKBPL-targeting treatment for preeclampsia rescues first trimester trophoblast cell proliferation and endothelial cell dysfunction *abs# 33*
- 9:00 AM **Evangeline A Lovell** (*Robinson Research Institute and School of Biomedicine, University of Adelaide, Adelaide, SA, Australia, University of Adelaide, Adelaide, SA, Australia*)
S.L. Hosking, H.M. Groome, M. Chapman, S.Y. Surikow, L.J. Parry, S.A. Robertson, A.S. Care
Maternal C1q deficiency: Implications for cardiovascular adaptations and pregnancy outcome. *abs# 34*
- 9:15 AM **Natalie K Binder** (*Therapeutic Discovery and Vascular Function in Pregnancy Group, Department of Obstetrics & Gynaecology, University of Melbourne, Heidelberg, Victoria, Australia*)
N. de Alwis, B.R. Fato, M.J. Young, N.J. Hannan
Eplerenone may offer a potential treatment for long-term complications of cardiovascular health following preeclampsia *abs# 35*
- 9:30 AM **Demi K Georgiou** (*College of Medicine and Public Health, Flinders University, Bedford Park, South Australia, Australia*)
J.H. Cater, N.B. Manucat-Tan, D. McCullough, S.Y. Leemaqz, T. Jankovic-Karasoulos, C.T. Roberts, A.R. Wyatt
Characterisation of maternal plasma pregnancy zone protein as a potential biomarker for preeclampsia risk *abs# 36*
- 9:45 AM **Georgia P Wong** (*Mercy Perinatal, Mercy Hospital for Women, Heidelberg, Victoria, Australia*)
N.J. Hannan, P. Cannon, M. Kandel, A. Nguyen, T. Nguyen, N. Pritchard, D.G. Simmons, T.J. Kaitu'u-Lino
Investigating side-population marker expression in placental insufficiency *abs# 37*

SRB ORALS - MALE REPRODUCTIVE TRACT

8:00AM - 10:00AM

Mezzanine M2

Chairs: Tessa Lord & David Skerrett-Byrne

- 8:00 AM **Joao Cunha Cyrino** (*School of BioSciences, Parkville/Melbourne, VIC, Australia*)
M. Renfree, G. Shaw, Y. Chen
The effects of environmental endocrine disruptors on testicular differentiation in the tammar wallaby *abs# 38*
- 8:15 AM **Cassy Spiller** (*School of Biomedical Sciences, University of Queensland, Brisbane, QLD, Australia*)
G. Burnet, C. Crisp, C. Feng, J. Bowles
Forcing fate decisions in the male germline: Cripto promotes pluripotency and malignancy of germ cells *abs# 39*
- 8:30 AM **Rukmali Wijayarathna** (*Centre For Reproductive Health, Hudson Institute of Medical Research, Melbourne, Victoria, Australia*)
E. de Geus, R. Genovese, L.J. Gearing, M. Tate, P.J. Hertzog, M.P. Hedger
Interferon epsilon as a novel anti-viral agent in the testis: Insights into mechanism of action *abs# 40*

- 8:45 AM **Cottrell T Tamessar** (*Priority Research Centre for Reproductive Science and School of Environmental and Life Sciences, The University of Newcastle, Newcastle, NSW, Australia*)
C. Burch, T. Bryde, S. Parameswaran, J. Weidenhofer, H. Zhang, S.A. Robertson, G.N. De Iulius, E.G. Bromfield, D.J. Sharkey, B. Nixon, J.E. Schjenken
Human seminal fluid extracellular vesicles induce immune responses in female cervical cells *in vitro* abs# 41
- 9:00 AM **Hon Yeung (Dexter) Chan** (*Robinson Research Institute & School of Biomedicine, University of Adelaide, Adelaide, SA 5005, Australia*)
D.J. Sharkey, D.A. Skerrett-Byrne, S. Parameswaran, A.L. Anderson, L.A. MacDougall, S.P. Smyth, S.A. Robertson, B. Nixon, J.E. Schjenken
Elevated ambient temperature alters mouse seminal vesicle parameters and the subsequent female response to seminal fluid after mating abs# 42
- 9:15 AM **Luke C Govers** (*BioSciences, The University of Melbourne, Melbourne, Victoria, Australia*)
D.M. Mattiske, M.K. Stewart, J.R. Black, D.L. Russell, A.J. Pask
The Role of Progesterone signalling in Penis Development and Hypospadias abs# 43
- 9:30 AM **Yolande Campbell** (*University of Queensland, Gatton, QLD, Australia*)
S. Johnston, C. Palmieri, S. Pagliarani, J. Gordon
The koala *Phascolarctos cinereus* prostate A comprehensive histological and immunohistochemical investigation abs# 44
- 9:45 AM **Rheannon O Blucher** (*Centre for Reproductive Health, Hudson Institute of Medical Research and Department of Molecular and Translational Science, Monash University, Clayton, Victoria 3168, Australia*)
R.S. Lim, M.E. Ritchie, P.S. Western
VEGF signalling activates MEK1/2 to regulate vasculature patterning in the fetal mouse testis abs# 45

ENSA - PRESIDENT'S WELCOME & OPENING PLENARY

8:00AM - 8:15AM Mezzanine M1

ENSA - NURSES IN ACTION

8:15AM - 9:15AM Mezzanine M1

Chair: Krisztina Toth

- 8:15 AM **Joanna Potts** (*Private Practice, Nowra, NSW, Australia*)
Clinical interpretation of BMD may lead to new endocrine diagnosis and improved outcomes abs# 46
- 8:35 AM **Maresa Derbyshire** (*St Vincent's Public Hospital, Melbourne, Fitzroy, VIC, Australia*)
Case study- Water deprivation test- Where the true detective work begins abs# 47
- 8:55 AM **Roghaya Fatouros** (*Department of Endocrinology, Royal Prince Alfred Hospital, Camperdown, NSW, Australia*)
J. Hetherington, A. Gargya, A. Hsieh
The Rise & Fall of Serum Prolactin – To Rest or Not To Rest? abs# 48

ENSA - PLENARY PRESENTATION I

9:15AM - 10:00AM Mezzanine M1

Chair: Ann Robinson

- 9:15 AM **Lisa Shepherd** (*University Hospitals Birmingham NHS Foundation Trust, Sutton Coldfield, WEST MIDLANDS, United Kingdom*)
Preventing Adrenal crisis - is it more than just patient education? abs# 49

Sponsored by:



ESA KEN WYNNE AWARD

9:30AM - 9:50AM Great Hall 2

Chair: Ann McCormack

- 9:30 AM **Kelly L Short** (*Department of Biochemistry & Molecular Biology, Monash Biomedicine Discovery Institute, Clayton, Vic, Australia*)
R.S. Dhavan, J. Ng, M.J. Wallace, T.J. Cole
Assessing ciclesonide a glucocorticoid receptor prodrug to improve respiratory outcomes in preterm birth but spare neurodevelopmental deficits abs# 50

ESA ECR UPDATE

9:50AM - 10:00AM

Great Hall 2

Chair: Ann McCormack

9:50AM **Amy Dwyer & Lauchlan Angus**

ESA, SRB & ENSA MORNING TEA

10:00AM - 10:30AM

Great Hall 1, 3 & 4

This break is kindly supported by



ESA/ENSA JOINT SYMPOSIUM - ADRENAL/DYNAMIC TESTING

10:30AM - 12:30PM

Great Hall 2

Chairs: Maresa Derbyshire & Jun Yang

- 10:30 AM **Michael Stowasser** (*University of Qld School of Medicine, Woolloongabba, Qld, Australia*)
Vale Richard D. Gordon and the role of Adrenal Venous Sampling in Optimizing Management of Primary Aldosteronism *abs# 51*
- 11:00 AM **Julie Hetherington** (*Royal Prince Alfred Hospital, Camperdown Sydney, NSW, Australia*)
D. Hsieh, D. Perera
The "Point of our Care" is to do it once and do it well - how point of care cortisol kits have revolutionised our adrenal vein sampling service *abs# 52*
- 11:30 AM **Brett McWhinney** (*Department of Chemical Pathology, Pathology Queensland, Brisbane, QLD, Australia*)
The Advantages and Limitations of Mass-Spectrometry-Based Methods in Endocrinology *abs# 53*
- 12:00 PM **Roderick Clifton-Bligh** (*Department of Endocrinology, Royal North Shore Hospital and Kolling Institute, University of Sydney, Sydney, NSW, Australia*)
Diagnostic Advances in Pheochromocytoma/Paraganglioma *abs# 54*

Sponsored by:



SRB PLENARY FOUNDER'S LECTURE - PROF MARK HEDGER

10:30AM - 11:30AM

Mezzanine M4

Chair: Sarah Robertson

- 10:30 AM **Mark Hedger** (*Centre for Reproductive Health, Hudson Institute of Medical Research, Melbourne, VIC, Australia*)
Burning issues in male reproduction *abs# 55*

ESA SYMPOSIUM - HORMONE RELATED CANCERS

10:30AM - 12:30PM

Mezzanine M2

Chairs: Laura Porter & Mitchell Lawrence

- 10:30 AM **Gail Risbridger & Tim Baker Nick Russell**
Introduction to session followed by Q&A
- 10:45 AM **Nick Russell** (*Austin Health, Heidelberg, VIC, Australia*)
Estradiol add-back in men undergoing androgen deprivation therapy *abs# 56*
- 11:10 AM **Amy Dwyer** (*The University of Adelaide, Adelaide, SA, Australia*)
New Insights into Androgen Receptor Signalling in Breast Cancer *abs# 57*
- 11:35 AM **Luke Selth** (*Flinders Health and Medical Research Institute, Flinders University, Adelaide, SA, Australia*)
New insights into tumour-suppressive androgen signalling in prostate cancer *abs# 58*
- 12:00 PM **Simon Chu** (*Hudson Institute of Medical Research, Clayton, VIC, Australia*)
Advancing Understanding and Treatment of Granulosa Cell Tumours in Ovarian Cancer *abs# 59*

SRB ORALS - ASSISTED REPRODUCTIVE TECHNOLOGY

11:30AM - 12:30PM

Mezzanine M4

Chairs: Simon de Graaf & Kylie Dunning

- 11:30 AM **Michael Davies** (*University of Adelaide, Adelaide, SA, Australia*)
A. Rumbold, L. Moore, R. Fernandez, L. Giles, H. McElroy, V. Moore
Urogenital defects in births to women dispensed clomiphene citrate within a whole of population birth cohort. abs# 60
- 11:45 AM **Nicholas Knowlton** (*University of Auckland, Grafton, NZ, New Zealand*)
H. Misaghi, N. Gowdra, D. Sobieszdzuk, L. Cree
Automated Human Embryo Morphokinetic Annotation on Single Static Images via Deep Learning abs# 61
- 12:00 PM **David A Skerrett-Byrne** (*Priority Research Centre for Reproductive Science, The University of Newcastle, Newcastle, New South Wales, Australia*)
B. Nixon, T.L. Karr, T. Pini
Kingdom of reproductive life; Core sperm proteome abs# 62
- 12:15 PM **Soraya Rasi Ghaemi** (*Health and Medical Sciences, The University of Adelaide, Adelaide, South Australia, Australia*)
D. Sharkey, N. McPherson, K. Vasilev, S. Robertson
Engineering functionalised surfaces that selectively capture suboptimal spermatozoa for applications in human IVF abs# 63

SRB ORALS - OOCYTE DEVELOPMENT & MAINTENANCE

11:30AM - 12:30PM

Mezzanine M3

Chairs: Jeremy Thompson & Macarena Gonzalez

- 11:30 AM **Shreya Maskey** (*School of Biomedical Sciences, The University of Queensland, St. Lucia, QLD, Australia*)
W.A. Stocker, A. Hagg, A.L. Winship, C.A. Harrison, K.L. Walton
Assessing the consequences of heightened pro-AMH processing on female reproduction in mouse. abs# 64
- 11:45 AM **Ngoc Tho Tony TN Nguyen** (*Monash University, Melbourne, Victoria, Australia*)
Z. Jalil, B. Finger, Q. Wang, X. Cai, A. Winship, N. Zerafa, L. Alesi, Y. Cao, J. Flaws, M. Green, J. Stringer, K. Hutt
Characterising the impact of environmental toxicant exposure on mammalian ovaries abs# 65
- 12:00 PM **Amy Winship** (*Department of Anatomy & Developmental Biology, Monash Biomedicine Discovery Institute, Monash University, Clayton, Victoria, Australia*)
L. Alesi, J. Stringer, Y. Lewis, L. Tu, E. Swindells, S. Giridharan, W. Cao, X. Cai, N. Zerafa, M. Hickey, K. Hutt
Conditional loss of *Brca1* in oocytes causes accelerated ovarian ageing and subfertility in mice abs# 66
- 12:15 PM **Jenin Cortez** (*Sydney School of Veterinary Science, Faculty of Science, The University of Sydney, Camden, NSW, Australia*)
K. Hardwicke, D. Cervi, C.G. Grupen
Nicotinic acid pre-maturation treatment improves the developmental potential of equine oocytes for cloned embryo production abs# 67

ESA, SRB & ENSA LUNCH

12:30PM - 1:30PM

Great Hall 1, 3 & 4

This break is kindly supported by

The Lilly logo is written in a red, cursive script font.

SRB HUDSON ECR/MCR POSTER PRIZE FINALISTS LIGHTNING TALKS

12:45PM - 1:15PM

Mezzanine M4

Chair: Mark Green

- 2:45 PM **Stefan M Botha** (Translational Obstetrics Group, The Department of Obstetrics and Gynaecology, Mercy Hospital for Women, University of Melbourne, Melbourne, Victoria 3084, Australia)
6 (CST6) expression is increased in preeclamptic pregnancies abs# 200
- 12:48 PM **Michaela Sacco** (Gynaecology Research Centre, Royal Women's Hospital, Melbourne, Victoria, Australia)
W. Zhou, P. Downing, W. Tinn Teh, E. Dimitriadis
Myosin Heavy Chain 10 downregulation within endometrial epithelial cells contributes to dysregulation in adhesion abs# 201
- 12:51 PM **Leah Calvert** (University of Newcastle, Callaghan, NSW, Australia)
J.H. Martin, A.L. Anderson, I.R. Berntstein, S.J. Stanger, G.N. De Iuliis, M.D. Dun, S.D. Roman, M.P. Green, B. Nixon
Assessment of the impact of acute in vivo PFAS exposure on male reproductive health abs# 202
- 12:54 PM **Jacob K Netherton** (The University of Newcastle, Callaghan, NSW, Australia)
R. Ogle, B.R. Robinson, M.A. Baker
Spatial dynamics of mRNA during spermatogenesis abs# 203
- 12:57 PM **Hanah M Hart** (Infertility and Reproduction Research Program, Hunter Medical Research Institute, New Lambton Heights, NSW, Australia)
D.A. Skerrett-Byrne, B. Nixon, G.N. De Iuliis
Characterising sperm membrane proteins and their remodelling during capacitation abs# 204
- 1:00 PM **Kate B Carey** (School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Camperdown, New South Wales, Australia)
M.H. Rayhanna, M.B. Morris, M.L. Day
The role of insulin-like growth factor binding protein-3 in mouse embryo implantation abs# 205
- 1:03 PM **Harriet C Fitzgerald** (Department of Obstetrics and Gynaecology, Monash University, Clayton, VIC, Australia)
S. Mortlock, C. Filby, F. Cousins, B. McKinnon, E. Marquez-Garcia, G.W. Montgomery, C. Gargett
Determining the pathogenesis of endometriosis by utilising a single cell atlas of endometrial stem/progenitor cells abs# 206
- 1:06 PM **Sarah C Moody** (Centre for Reproductive Health, Hudson Institute of Medical Research, Clayton, VIC, Australia)
B. Nathaniel, C. Conduit, N. Lawrentschuk, B. Tran, K.L. Loveland
RNA-seq to identify activin and TGF β target genes in Testicular Germ Cell Tumours abs# 207
- 1:09 PM **Caitlin G. Chambers** (The University of Sydney, Faculty of Science, School of Life and Environmental Sciences, 2006, NSW, Australia)
T. Barker, J.P. Rickard, S.P. de Graaf
Assessing the impact of cryopreservation on Merino ram sperm using three DNA integrity assays abs# 208
- 1:12 PM **Trent Newman** (School of BioSciences, The University of Melbourne, Melbourne, VIC, Australia)
T. Ishihara, P. Rizzoli, L. Xiao, Q. Gouil, D. Bond, T. Hore, G. Shaw, M.B. Renfree
The PRKACB locus is imprinted in marsupials abs# 209
- Lunch boxes included on Mezzanine level for all attendees of this session.*

ESA MEET THE EXPERT - CHRISTIAN GIRGIS - CLINICAL CHALLENGES IN BONE (CLINICAL)

1:00PM - 1:30PM

Mezzanine M3

Chairs: Frances Milat & Matthew Balcerek

- 1:00 PM **Christian Girgis** (University of Sydney, Darlinghurst, NSW, Australia)
Clinical challenges in bone (Clinical) abs# 68
Lunch boxes included on Mezzanine level for all attendees of this session.

LUNCH & LEARN: ESA BASIC SCIENCE FORUM

1:00PM - 1:30PM

Mezzanine M2

Chair: Elizabeth Johnstone

- 1:00 PM **Karen Moritz** (University of Queensland, St Lucia, QLD, Australia)
The future of basic research in endocrinology
Lunch boxes included on Mezzanine level for all attendees of this session.

ESA SYMPOSIUM - AUTOIMMUNE ENDOCRINOPATHIES

1:30PM - 3:00PM

Great Hall 2

Chairs: Sunita De Sousa & Sheila Cook

- 1:30 PM **Jwu Jin Khong** (*The Royal Victorian Eye and Ear Hospital, Melbourne, VIC, Australia*)
Advances in Medical Treatment in Thyroid Eye Disease *abs# 69*
- 1:52 PM **John Wentworth** (*WEHI, Parkville, VIC, Australia*)
Update on prediction and prevention of type 1 diabetes *abs# 70*
- 2:14 PM **Ranjeny Thomas** (*University of Queensland Diamantina Institute, Princess Alexandra Hospital, Brisbane, QLD, Australia*)
Antigen-specific tolerising immunotherapy for autoimmune diabetes: trials and biomarkers *abs# 71*
- 2:36 PM **James Cuffe** (*School of Biomedical Sciences, The University of Queensland, St Lucia, QLD, Australia*)
Understanding the role of thyroid antibodies in mediating complications of pregnancy *abs# 72*

SRB ART LAB AWARDS

1:30PM - 3:00PM

Mezzanine M4

Chairs: Zaramasina Clark & Geoffry De Iuliis

- 1:30 PM **Macarena Gonzalez** (*The University of Adelaide, Adelaide*)
H. Connaughton, R. Robker, M. Barry, R. Rose
Mitochondrial activator BGP-15 protects sperm from DNA damage during sperm recovery for Assisted Reproductive Technology *abs# 73*
- 1:45 PM **Fiona KM Cheung** (*School of Biomedical Sciences, Faculty of Medicine, The University of Queensland, St Lucia, QLD, Australia*)
C. Feng, C. Spiller, J. Bowles
BMP signalling and RA-induced STRA8 ensure mitosis-to-meiosis transition in fetal mouse ovarian germ cells *abs# 74*
- 2:00 PM **Alexandra E Peters** (*School of Biomedical Science and Pharmacy, College of Health, Medicine, and Wellbeing, University of Newcastle, Callaghan, NSW, Australia*)
E.A. Ford, S.D. Roman, E.G. Bromfield, B. Nixon, K.G. Pringle, J.M. Sutherland
Low-level exposure to Bisphenol A and its alternatives has detrimental impacts on oocyte health *abs# 75*
- 2:15 PM **Farin Yazdan Parast** (*Department of Mechanical and Aerospace Engineering, Monash University, Clayton, Victoria, Australia*)
A. Wong, M.K. O'Bryan, R. Nosrati
A biomimetic 3D platform for high-throughput sperm selection *abs# 76*
- 2:30 PM **Madeleine LM Hardy** (*The university of Sydney, Sydney, NSW, Australia*)
M.B. Morris, M.L. Day
Proline improves development of mouse preimplantation embryos by protecting them against oxidative stress *abs# 77*
- 2:45 PM **Jessica E Mulhall** (*Priority Research Centre for Reproductive Science, School of Environmental and Life Sciences, College of Engineering, Science and Environment, The University of Newcastle, Newcastle, NSW, Australia*)
N.A. Trigg, I.R. Berntstein, A.L. Anderson, H.C. Murray, P. Sipilä, T. Lord, J.E. Schjenken, B. Nixon, D.A. Skerrett-Byrne
Immortalised mouse caput epididymal epithelial cells: a model to study how parental stress is remodelling the sperm epigenome *abs# 78*

ESA BASIC SCIENCE ORALS

1:30PM - 2:30PM

Mezzanine M3

Chairs: Mitchell Sullivan & Renea Taylor

- 1:30 PM **Alena J Hungerford** (*Priority Research Centre for Reproductive Science, University of Newcastle, Callaghan, NSW, Australia*)
H.W. Bakos, J.J. Aitken
Vitamin C addition recovers antioxidant capacity, motility, vitality and DNA integrity lost with cryoprotectant addition, improving cryopreserved human semen parameters *abs# 79*
- 1:45 PM **Joon Ho Moon** (*Seoul National University, Seongnam, South Korea*)
J. Lee, H. Kim
Repeated delivery increases the risk of diabetes by impairing the proliferation of pancreatic β cells *abs# 80*

- 2:00 PM **Sarah Davis** (*Westmead Institute for Medical Research, Westmead, NSW, Australia*)
J. Gunton
 Do chili compounds "Beige" human white fat that have been transplanted into mice and exhibit improvements in mouse metabolism. *abs# 81*
- 2:15 PM **Jianshen Lao** (*Department of Biochemistry & Molecular Biology, Monash Biomedicine Discovery Institute, Clayton, Vic, Australia*)
K.L. Short, J. Ng, D.L. Cottle, T.J. Cole
 Disrupted glucocorticoid receptor-mediated signalling causes a primary cilia defect in the fetal mouse renal tubule *abs# 82*

ESA BASIC SCIENCE LIGHTNING TALKS

- 2:30PM - 3:00PM Mezzanine M3
 Chairs: Mitchell Sullivan & Renea Taylor
- 2:30 PM **Ben M Lawrence** (*The University of Newcastle, Callaghan, NSW, Australia*)
L. O'Donnell, A. Gannon, I. Abbott, D. Rebourcet, L.B. Smith
 Identifying alternative hydroxysteroid dehydrogenases capable of testosterone biosynthesis in *Hsd17b3*-deficient mice *abs# 210*
- 2:35 PM **Monica Majumder** (*Royal North Shore Hospital, St Leonards, NSW, Australia*)
L. Ding, C. Wood, C. Hodgkins, E. White, B.G. Robinson, R.J. Clifton-Bligh, P. Bonnitche, M.L. Gild
 Clinical validation of a lenvatinib assay *abs# 211*
- 2:40 PM **Anne Nicole De Jesus** (*Monash Biomedicine Discovery Institute, Department of Physiology, Monash University, Clayton, VIC, Australia*)
B.A. Henry
 The effect of menstrual cyclicity on brown adipose tissue activity in eumenorrheic women *abs# 212*
- 2:45 PM **Ziyi Wang** (*Queensland Alliance for Agriculture and Food Innovation, University of Queensland, Saint Lucia, QLD, Australia*)
M. Sullivan, L. Wang, R. Gilbert
 Exploring the fragility of liver glycogen alpha particles in diabetes *abs# 213*
- 2:50 PM **Miguel Lorenzo Sales Agoncillo** (*The Westmead Institute for Medical Research, Westmead, NSW, Australia*)
J. Chen, J. Yu, C. Girgis, J. Gunton
 Effects of myocyte-specific deletion of Vitamin D receptors on muscle function and structure in mice *abs# 214*
- 2:55 PM **Caroline Bachmeier** (*Chemical Pathology, Sullivan Nicolaides Pathology, Bowen Hills, QLD, Australia*)
D. Kanowski, L. Price, G. Daley, R. Flatman, G. Ward
 Trend of IGF-1 levels over time - is it time to adjust our reference intervals? *abs# 215*

ENSA - PLENARY PRESENTATION II

- 1:30PM - 2:15PM Mezzanine M1
 Chair: Venecia Willenberg
- 1:30 PM **Warrick Inder** (*Diabetes and Endocrinology, Princess Alexandra Hospital, Woolloongabba, QLD, Australia*)
 An Ode to the "Special Tests Sisters" Why EVERY Tertiary Endocrinology Department needs an Endocrine Nursing Service *abs# 83*

Sponsored by:



ENSA - PLENARY PRESENTATION III

- 2:15PM - 3:00PM Mezzanine M1
 Chair: Venecia Willenberg
- 2:15 PM **Lisa Shepherd** (*University Hospitals Birmingham NHS Foundation Trust, Sutton Coldfield, WEST MIDLANDS, United Kingdom*)
 The changing role of UK Endocrine Nursing and its application to Australian and global practice *abs# 84*

Sponsored by:



ESA, SRB & ENSA AFTERNOON TEA

3:00PM - 3:30PM

Great Hall 1, 3 & 4

This break is kindly supported by



ESA GAIL RISBRIDGER JUNIOR SCIENTIST AWARD

3:30PM - 5:30PM

Great Hall 2

Chairs: Elizabeth Johnstone & Ben Lawrence

- 3:30 PM **Josephine Yu** (*WIMR, Westmead, NSW, Australia*)
J. Gunton
Enhancing the Benefits of Exercise Using a Novel HIF1a Mutant Mouse Line *abs# 85*
- 3:50 PM **Fathima H S Yoosuf** (*Hudson Institute of Medical Research, Clayton, VIC, Australia*)
C. Magne De, C.D. Clyne, S. Chu, P.J. Fuller
Nuclear receptor V-ErbA-related protein 2 (EAR2) is a novel driver of breast cancer proliferation *abs# 86*
- 4:10 PM **Ashley Meakin** (*University of South Australia, Adelaide, SA, Australia*)
K. Gatford, Y. Lien, M. Wiese, R. Simmons, J. Morrison
Placental-specific ciclesonide to des-ciclesonide conversion is not impacted by gestational age or placental sex *abs# 87*
- 4:30 PM **Georgia Cuffe** (*Department of Anatomy and Developmental Biology, Monash Biomedicine Discovery Institute Cancer Program, Monash University, Clayton, VIC, Australia*)
A. Clark, M. Richards, R. Taylor, G. Risbridger, M. Crumbaker, A. Joshua, M. Lawrence
Androgen receptor expression dictates efficacy to Bipolar Androgen Therapy (BAT) in patient-derived models of advanced prostate cancer *abs# 88*
- 4:50 PM **Brigitte M Clarke** (*University of Adelaide, Adelaide, South Australia, Australia*)
S. Kireta, J. Johnston, J. Kollias, J. Greenwood, C. Christou, P. Coates, D. Torpy
Development of adrenal organoids after intracutaneous adrenal cell auto-transplantation for primary adrenal insufficiency in a porcine implanted biodegradable temporising matrix *abs# 89*
- 5:10 PM **Charmaine Cheung** (*University of Sydney, Sydney, NSW, Australia*)
W. Hawthorne, J. Gunton
High monounsaturated fat diet reduces the lipotoxic effect on human islet function *abs# 90*

JOINT SRB-ANZPRA SYMPOSIUM - NOVEL MODELS FOR PREGNANCY RESEARCH

3:30PM - 5:30PM

Mezzanine M4

Chairs: Caitlin Wyrwoll & Natalie Binder

- 3:30 PM **Ellen Menkhorst** (*University of Melbourne, Melbourne, VIC, Australia*)
Discovering the early pregnancy placental dysfunction underlying preeclampsia: omics of chorionic villus samples *abs# 91*
- 4:00 PM **Olivia Nonn** (*Charité – Universitätsmedizin Berlin, corporate member of Freie Universität Berlin and Humboldt-Universität zu Berlin, Berlin, Germany*)
Using a Multi-Omics Landscape of the Maternal-Fetal Interface to model the Longitudinal Pathogenesis of Early-Onset Pre-eclampsia *abs# 92*
- 4:30 PM **Natasha de Alwis** (*Department of Obstetrics and Gynaecology, University of Melbourne, Carlton, VIC, Australia*)
A primary human pipeline for screening, development, and translation of therapies for pregnancy complications *abs# 93*
- 5:00 PM **David Simmons** (*University of Queensland, St Lucia, QLD, Australia*)
Placental Development: More Lessons from Transgenic Mice *abs# 94*

SRB SYMPOSIUM - REPRODUCTIVE CANCERS

3:30PM - 5:30PM

Mezzanine M3

Chairs: Liza O'Donnell & Amy Winship

- 3:30 PM **Wendy V Ingman** (*Robinson Research Institute, University of Adelaide, Adelaide, SA*)
Developmental origins of adult breast cancer risk *abs# 95*
- 4:00 PM **Mitchell Lawrence** (*Department of Anatomy and Developmental Biology, Monash Biomedicine Discovery Institute Cancer Program, Monash University, Clayton, VIC, Australia*)
G. Cuffe, S. KeerthiKumar, A. Clark, Melbourne Urological Research Alliance, L. Selth, M. Crumbaker, R. Taylor, G. Risbridger, A. Joshua
A new paradigm for targeting androgen action in advanced prostate cancer *abs# 96*
- 4:30 PM **Shafiq Syed** (*Global Centre for Gynaecological Diseases, University of Newcastle, Callaghan, NSW, Australia*)
M. Jamaluddin, F. Bartlett, P. Rani, V. Venkata, P. Tanwar
Endometrial stem cells: implications in reproductive pathologies and ageing *abs# 97*
- 5:00 PM **Karla Hutt** (*Monash Biomedicine Discovery Institute, Department of Anatomy and Developmental Biology, Monash University, Clayton, Australia*)
Development of innovative strategies to preserve oocyte number and quality during cancer treatment *abs# 98*

ESA CLINICAL ORALS

3:30PM - 5:00PM

Mezzanine M2

Chairs: Emily Brooks & James McNeil

- 3:30 PM **Warrick J Inder** (*Diabetes and Endocrinology, Princess Alexandra Hospital, Woolloongabba, QLD, Australia*)
K.P. Robledo, C.A. Allan, K. Bracken, A.J. Conway, M. Grossmann, A. Jenkins, D. Jesudason, R. McLachlan, B.G. Stuckey, B.B. Yeap, D.J. Handelsman, G.A. Wittert
Testosterone treatment in eugonadal men discloses a differential association between decreased adiposity and changes in testis volume compared to placebo. *abs# 99*
- 3:45 PM **Gary Wittert** (*Freemasons Centre for Male Health and Wellbeing, University of Adelaide, Adelaide, SA, Australia*)
K. Robledo, M. Grossmann, B. Yeap, B. Stuckey, W. Inder, A. Conway, D. Jesudason, C. Allan, R. McLachlan, A. Jenkins, K. Bracken, D. Handelsman
Effects of obesity, depression, age, and testosterone treatment on erectile function and sexual desire in older men with dysglycaemia. *abs# 100*
- 4:00 PM **Lisa M Raven** (*Department of Endocrinology, St Vincent's Hospital, Darlinghurst, NSW, Australia*)
N. Hamad, A.I. McCormack
Fertility, pregnancy and early parenting experiences of doctors *abs# 101*
- 4:15 PM **Shejil Kumar** (*Endocrinology Department, Royal North Shore Hospital, Sydney*)
J. Doyle, M. Nery, R. Heriseanu, G. Weber, L. Nier, R. Clifton-Bligh, C. Girgis
Preventing osteoporosis in spinal cord injury (POPSCI) trial: early zoledronic acid infusion in acute spinal cord injury *abs# 102*
- 4:30 PM **Kharis Burns** (*Department of Endocrinology and Diabetes, Royal Perth Hospital, Perth, WA, Australia*)
A. Stuckey, K. Trentino, G. Watts, F. Sanfilippo, B. Stuckey
Cardiovascular risk in PCOS is associated with diabetes and hypertension: A case control linked data study in Western Australian women *abs# 103*
- 4:45 PM **Sonali Shah** (*Department of Endocrinology, Monash Health, Clayton, VIC, Australia*)
R. Libianto, M.J. Young, P.J. Fuller, J. Yang
Prevalence and characteristics of low-renin hypertension in an Australian primary care population *abs# 104*

ESA CLINICAL LIGHTNING TALKS

5:00PM - 5:30PM

Mezzanine M2

Chairs: Emily Brooks & James McNeil

- 5:00 PM **Stephanie Teasdale** (*Mater Hospital, South Brisbane, QLD, Australia*)
Glycogenic hepatopathy is associated with hepatic steatosis in type 1 diabetes *abs# 216*
- 5:05 PM **Elizabeth Wootton** (*Department of Endocrinology and Diabetes, Austin Health, Melbourne, Victoria, Australia*)
M. Grossmann, A.M. Warren
Dysnatraemia in the era of climate change: a global systematic review of the association between serum sodium and climate *abs# 217*
- 5:10 PM **Josephine McCarthy** (*Department of Medicine, School of Clinical Sciences at Monash Health, Faculty of Medicine Nursing and Health Sciences, Monash University, Clayton, Victoria, Australia*)
J. Widjaja, F.M. Gao, I.J. Lee, J.H. Lai, S. Gupta, J. Vuong, P.M. Choi, T.G. Phan, J. Yang
Screening for primary aldosteronism underutilised in stroke and transient ischaemic attack: a multi-centre cohort study *abs# 218*
- 5:15 PM **Melanie Tempest** (*Western Health, Melbourne, VIC, Australia*)
B. Wornes, E. Karahalios, J. Gong
Establishment of normal reference values for ^{99m}Tc-pertechnetate thyroid uptake in the local population, an Australian first *abs# 219*
- 5:20 PM **Kharis Burns** (*Department of Endocrinology and Diabetes, Royal Perth Hospital, Perth, WA, Australia*)
A. Stuckey, S. Wilson, G. Watts, B. Stuckey
Hierarchical Cluster Analysis and Principal Components Analysis confirm metabolic and reproductive subtypes in PCOS *abs# 220*
- 5:25 PM **Brendan J Nolan** (*Endocrinology, Austin Health, Heidelberg, Victoria, Australia*)
S. Zwickl, J.D. Zajac, A.S. Cheung
Short-term effects of testosterone therapy on quality of life in trans individuals seeking masculinisation: a prespecified secondary analysis of a randomised clinical trial *abs# 221*

ENSA - PLENARY PRESENTATION III

3:30PM - 4:45PM

Mezzanine M1

X Linked Hypophosphatemia and Burosumab treatment in adults

- 3:30 PM **Maria-Liza Nery** (*Royal North Shore Hospital, St Leonards, NSW, Australia*)
X Linked Hypophosphatemia and Burosumab treatment in adults *abs# 105*
- 4:00 PM **Craig Munns** (*The University of Queensland, South Brisbane, QLD, Australia*)
Rare Genetic Bone Disorders in Children, Diagnosis and Management *abs# 106*

ENSA - ANNUAL GENERAL MEETING

4:45PM - 5:30PM

Mezzanine M1

JOINT POSTER VIEWING WITH DRINKS & NIBBLES

5:30PM - 7:30PM

Great Hall 1, 3 & 4

ENSA - CONFERENCE DINNER & NURSES IN ACTION AWARDS

7:00PM - 10:30PM

Soleil Bar, Rydges South Bank

Location: Podium 1, Rydges Southbank

The ENSA Conference Dinner is kindly supported by



MEETING OF THE MINDS NETWORKING FUNCTION

8:00PM - 10:30PM

The Plough Inn

TUESDAY 28TH NOVEMBER 2023

ESA-SRB WORKSHOP: SCIENCE COMMUNICATION: "MEET THE MEDIA"

7:00AM - 8:30AM

Mezzanine M1

Chair: Sarah Brooker

A panel discussion with Q&A where we bring in local journalists from television, print and radio to talk about what makes news.

Breakfast is included for all attendees of this session on the Mezzanine Level.

GSK BREAKFAST SESSION - SHINGLES AND DIABETES: RISK, BURDEN AND IMPACT OF SHINGLES PREVENTION

7:00AM - 8:30AM

Mezzanine M2

Chair: Lauren Pollard

Increasing age and reduced immune system function are well-recognised risk factors for developing shingles. Increasing evidence suggests that diabetes may also be associated with an increased risk of developing shingles. Increasing evidence suggests that diabetes may also be associated with an increased risk of developing shingles. This Symposium will offer an immunologist perspective on the risk of shingles in adult patients with diabetes and the potential complications which may arise.

Topic 1: Explore the burden of shingles on patients

Topic 2: Appreciate that diabetes may be associated with an increased risk of shingles

Topic 3: Evaluate the use of SHINGRIX vaccination for adults ≥ 18 years of age who are at increased risk of shingles

Topic 4: Understand the scientific rationale behind SHINGRIX

Topic 5: Determine appropriate strategies to integrate SHINGRIX into your practice

Breakfast is included for all attendees of this session on the Mezzanine Level.

This workshop is kindly supported by



ESA TAFT PLENARY - PROF JANET HALL

8:30AM - 9:20AM

Great Hall 2

Chair: Ann McCormack

8:30 AM **Janet Hall** (*National Institute of Environmental Health Sciences, NIH, Durham, NORTH CAROLINA, United States*)

Accounting for the Variability in Responses to Physiologic Stressors in Hypothalamic Amenorrhea

abs# 107 8:30 AM

Janet Hall

(*National Institute of Environmental Health Sciences, NIH, Durham, North Carolina, United States*)

Accounting for the Variability in Responses to Physiologic Stressors in Hypothalamic Amenorrhea

107

abs#

ROBINSON RESEARCH INSTITUTE AWARD I

8:30AM - 9:15AM

Mezzanine M3

Chair: David Sharkey

8:30 AM **Kirsty Pringle** (*University of Newcastle, Newcastle, NSW, Australia*)

Robinson Research Institute Award Presentation

abs# 108

MERCY PERINATAL MID-CAREER MEDAL

9:15AM - 10:00AM

Mezzanine M3

Chair: Sue Walker

9:15 AM **Natalie Hannan** (*University of Melbourne; Mercy Hospital for Women; The Northern Hospital, Heidelberg, VIC, Australia*)

Mercy Perinatal Award Presentation

abs# 109

ESA-SFE EXCHANGE AWARD

9:20AM - 9:40AM

Great Hall 2

Chair: Ann McCormack

- 9:20 AM **Rayzel Fernandes** (*Department of Surgery and Cancer, Imperial Centre for Translational and Experimental Medicine, Imperial College London, Hammersmith Hospital, London, UK*)
M. Campbell, C. Bevan
Functional characterization of enhancer RNAs expressed from oncogenic androgen receptor-bound enhancers in advanced therapy-resistant prostate cancer *abs# 110*

ESA CLINICAL ENDOCRINOLOGY JOURNAL EARLY CAREER RESEARCH AWARD

9:40AM - 10:00AM

Great Hall 2

Chair: Ann McCormack

- 9:40 AM **Matti Gild** (*Royal North Shore Hospital, Paddington, NSW, Australia*)
Evolution of Thyroid Cancer Management: Advancements in Risk Assessment, Functional Imaging, and Targeted Therapies *abs# 111*

ESA-SRB MORNING TEA

10:00AM - 10:30AM

Great Hall 1, 3 & 4

This break is kindly supported by



ESA SYMPOSIUM - STEROID HORMONE RECEPTORS AND SELECTIVE MODULATORS

10:30AM - 11:50AM

Great Hall 2

Chairs: Amy Dwyer & Jack Lockett

- 10:30 AM **Moe Thuzar** (*Department of Endocrinology & Diabetes, Princess Alexandra Hospital, Brisbane, QLD, Australia*)
The Mineralocorticoid System – More Than a Regulator of Blood Pressure in the Pathophysiology of Metabolic Syndrome? *abs# 112*
- 10:52 AM **Anne-Louise Gannon** (*The University of Newcastle, Callaghan, NSW, Australia*)
Understanding Androgen Receptor Regulation of the Adrenal Cortex *abs# 113*
- 11:14 AM **Dinny Graham** (*Centre for Cancer Research, Westmead Institute for Medical Research, The University of Sydney, Westmead, NSW, Australia*)
T. Doan, M. Tahan, B. Guild, C. Clarke
Progesterone receptor isoform balance and chromatin structure are critical drivers of progesterone response in the normal breast and breast cancer *abs# 114*
- 11:36 AM **Timothy Cole** (*Department of Biochemistry & Molecular Biology, Biomedicine Discovery Institute, Monash University, Clayton, VIC, Australia*)
The glucocorticoid receptor: a diverse cell signalling regulator modulated by many steroids and drugs *abs# 115*

SRF EXCHANGE LECTURER

10:30AM - 11:00AM

Mezzanine M3

Chair: Patrick Western

- 10:30 AM **Sofia Granados Aparici** (*Research Institute, McGill University Health Centre, Montréal, Quebec, Canada*)
Q. Yang, H. Clarke
SMAD4 promotes somatic-germline contact during oocyte growth *abs# 116*

ESA HOT TOPICS

10:30AM - 11:50AM

Mezzanine M2

Chairs: Matti Gild & Annabelle Warren

- 10:30 AM **Sunita De Sousa** (*The University of Adelaide, Adelaide, SA, Australia*)
Practice-changing recommendations from the 2023 Pituitary Society prolactinoma guidelines *abs# 117*
- 10:50 AM **Shane Hamblin** (*Western Health, St Albans, VIC, Australia*)
What's Hot in Diabetes in 2023? *abs# 118*
- 11:10 AM **Lyndal Tacon** (*Faculty of Medicine and Health, The University of Sydney, NSW, Australia*)
C. Aitken, N. Groskops
Sustainability in Endocrinology: Net Zero Leads Program, NSLHD Planetary Health *abs# 119*
- 11:30 AM **Christopher Gilfillan** (*Eastern Health, Box Hill, VIC, Australia*)
Artificial intelligence - baby steps to solving some clinical issues in endocrinology *abs# 120*

SRB-ANZPRA AWARDS

11:00AM - 12:30PM

Mezzanine M3

Chairs: Natasha de Alwis & Kirsty Pringle

- 11:00 AM **India Brooker** (*School of Biomedical Sciences and Pharmacy, University of Newcastle, Callaghan, New South Wales, Australia*)
S. Delforce, J. Fisher, J. Sutherland, S. Endacott, E. Lumbers, K. Pringle
The role of ACE2 in protecting against placental oxidative stress induced by hypoxia/reoxygenation *abs# 121*
- 11:15 AM **Jessica Williamson** (*Pregnancy Health and Beyond Laboratory, Flinders Health and Medical Research Institute, Flinders University, Adelaide, South Australia, Australia*)
M.D. Smith, A.L. Arthurs, D. McCullough, S. Leemaqz, C.T. Roberts, T. Jankovic-Karasoulos
Parallels between folic acid deficiency and excess in placental endocrine function: implications for gestational diabetes mellitus *abs# 122*
- 11:30 AM **Bianca R Fato** (*University of Melbourne, Parkville, VICTORIA, Australia*)
N. de Alwis, S. Beard, N.K. Binder, T. Kaitu'u-Lino, N. Hannan
Vasoconstriction pathways are altered with insulin treatment in pregnancy: implications for understanding vascular dysfunction in gestational diabetes *abs# 123*
- 11:45 AM **Lucy Bartho** (*Department of Obstetrics and Gynaecology, University of Melbourne and Mercy Hospital for Women, Melbourne, Victoria, Australia*)
D. McKeating, A. Perkins, S. Walker, T. MacDonald, N. Pritchard, N. Hannan, S. Tong, T. Kaitu'u-Lino
Metabolic profiles are dysregulated in pregnant women before and after the diagnosis of preeclampsia. *abs# 124*
- 12:00 PM **Lachlan G Schofield** (*Hunter Medical Research Institute (HMRI), Newcastle, NSW, Australia*)
S.J. Delforce, S.K. Endacott, E.R. Lumbers, K.G. Pringle
The soluble (pro)renin receptor (s(P)RR), a new therapeutic target for the treatment of maternal endothelial dysfunction in preeclampsia *abs# 125*
- 12:15 PM **Madison Golledge** (*The University of Sydney, Sydney, NSW, Australia*)
G. Refshauge, J. Rickard, Y. Song, S. de Graaf
Successful ultrasound diagnosis of pregnancy in sheep by application of a deep learning model *abs# 126*

ESA AGM

11:50AM - 12:30PM

Great Hall 2

ESA-SRB LUNCH

12:30PM - 1:30PM

Great Hall 1, 3 & 4

This break is kindly supported by



JOINT ESA-SRB ECR CAREER DEVELOPMENT WORKSHOP - NAVIGATING WORK-LIFE BALANCE, JOB SECURITY AND FUNDING AS AN ECR

12:30PM - 1:30PM

Mezzanine M3

Chairs: Hon Yeung (Dexter) Chan & Shejil Kumar

Panel Members: Lisa Raven, Luke Selth, Jo James, and Andrew Pask

- 12:30 PM **Lisa Raven** (*St Vincent's Hospital, Darlinghurst, NSW, Australia*)
Career journeys: Navigating work-life balance, job security and funding as an ECR abs# 127
- 12:40 PM **Jo James** (*University of Auckland, Auckland, New Zealand*)
Where did I come from? A career in reproductive biology abs# 128
- 12:50 PM **Panel Discussion**
Lunch boxes are included for all attendees of this session on the Mezzanine Level.

Submit your "burning question" prior to the session via this QR Code:



ESA MEET THE EXPERT - MICHELLE MCDONALD - NEW INSIGHTS IN BONE RESEARCH (BASIC SCIENCE)

1:00PM - 1:30PM

Mezzanine M1

Chairs: Alexander Rodriguez & Mark Cooper

- 1:00 PM **Michelle McDonald** (*Skeletal Diseases Program, Garvan Institute of Medical Research, Darlinghurst, NSW, Australia*)
A. Kim, A. Castro-Martinez, V. Taylor, S. Dhakal, J. Smith, J. Center, C. Girgis, P. Croucher
RANKL inhibition creates a pro-osteoclastic environment, leading to an overshoot in serum TRAP and accelerated bone resorption following treatment withdrawal. abs# 133
Lunch boxes are included for all attendees of this session on the Mezzanine Level.

ESA - BRYAN HUDSON CLINICAL AWARDS

2:00PM - 3:30PM

Great Hall 2

Chairs: Frances Milat & Brendan Nolan

- 2:00 PM **Simon Ryder** (*Royal Brisbane & Womens Hospital, Queensland Health, Brisbane, QLD, Australia*)
E. Duncan, D. Pattison
Performance of genetic testing for pheochromocytoma & paraganglioma: 15-year experience at a large tertiary referral centre. abs# 129
- 2:20 PM **Nele F Lenders** (*Department of Endocrinology, St Vincent's Hospital, Sydney, NSW, Australia.*)
T. Thompson, J. Chui, J. Lowe, W.J. Inder, P.E. Earls, A.I. McCormack
Pituitary Neuroendocrine Tumours without distinct lineage differentiation express stem cell marker SOX2 abs# 130
- 2:40 PM **Jade Eccles-Smith** (*Department of Obstetric Medicine, The Royal Brisbane and Women's Hospital, Herston*)
A. Griffin, H.D. McIntyre, M. Nitert Dekker, H.L. Barrett
Pregnancy outcomes following bariatric surgery in Queensland, Australia: A data-linkage report abs# 131
- 3:00 PM **Lachlan M Angus** (*Department of Endocrinology, Austin Health, Heidelberg, VIC, Australia*)
S.Y. Leemaqz, J.D. Zajac, A.S. Cheung
The effect of cyproterone and spironolactone on breast development in transgender women: a randomised controlled trial abs# 132

ESA-SRB SYMPOSIUM - REPRODUCTIVE ENDOCRINOLOGY & INFERTILITY

1:30PM - 3:30PM

Mezzanine M3

Chairs: Anne-Louise Gannon & Craig Harrison

- 1:30 PM **Michael Pankhurst** (*Department of Anatomy, School of Biomedical Sciences, University of Otago, Dunedin, New Zealand*)
Anti-Müllerian hormone regulates organ-size in the ovary. abs# 134
- 2:00 PM **Sarah Catford** (*Alfred Hospital, Melbourne, VIC, Australia*)
Reproductive function of men conceived with intra-cytoplasmic sperm injection abs# 135
- 2:30 PM **Kelly Walton** (*School of Biomedical Sciences, The University of Queensland, Brisbane, QLD, Australia*)
Gonadal inhibins: Gatekeepers of female fertility and metabolic health abs# 136
- 3:00 PM **Vicki Clifton** (*Mater Research Institute, University of Queensland, Brisbane, QLD, Australia*)
The Queensland Family Cohort Study: discovering the mechanisms where stress and inflammation collide abs# 137

SRB ORALS - SRB ORALS - UTERUS, ENDOMETRIUM AND IMPLANTATION

1:30PM - 3:30PM

Mezzanine M2

Chairs: Guiying Nie & Harriet Fitzgerald

- 1:30 PM **Jennifer C Hutchison** (*School of Biosciences, University of Melbourne, Melbourne, Victoria, Australia*)
A. Sutherland, E. Diez Santa Gertrudis, D.L. Potter, A. Pask
Of "omics" and organoids: understanding the dynamic marsupial histotroph abs# 138
- 1:45 PM **Jacqueline F Donoghue** (*Obstetrics and Gynaecology Department and Gynaecology Research Centre, University of Melbourne and The Royal Women's Hospital, Parkville, Victoria, Australia*)
B. Bilston, M. Dang, L. Cann, G. Prewer, A. Kueh, M. Herold, M. Healey, P.A. Rogers
Elucidating the functional role of VEZT in endometriosis lesion formation abs# 139
- 2:00 PM **Sarah Robertson** (*University of Adelaide, Adelaide, SA, Australia*)
K.L. Foyle, H. Chan, H. Tran, J.E. Schjenken
Gamma/delta T cells comprise a major element of the uterine immune response to seminal fluid in mice abs# 140
- 2:15 PM **David J Sharkey** (*Robinson Research Institute and School of Biomedicine, The University of Adelaide, Adelaide, South Australia, Australia*)
H.E. Lyons, S.A. Robertson
Sperm participate in modulating the cervical epithelial cell immune response to seminal fluid abs# 141
- 2:30 PM **Samson Dowland** (*University of Sydney, Sydney, NSW, Australia*)
K. Shankie-Williams, M. Holley, L. Lindsay, M. Day
Examining the potential for a zinc-based IUD to provide non-hormonal contraception with fewer side effects abs# 142
- 2:45 PM **Aleona Swegen** (*Priority Research Centre for Reproductive Science, University of Newcastle, Callaghan, NSW, Australia*)
S. Waugh, E.F. Lawson, L. Carroll, K. Kamath, Z. Gibb
Phosphoproteomic analysis of equine endometrial organoids exposed to embryo secretions abs# 143
- 3:00 PM **Saeedeh Darzi** (*Hudson Institute of Medical Research, Clayton, VIC, Australia*)
D. Hennes, K. Paul, C. Gargett, A. Rosamilia, J. Werkmeister, S. Mukherjee
Immunobiological Properties of Human Fascia Lata (HFL) vs Mesh: Implications for Pelvic Reconstructive Surgery abs# 144
- 3:15 PM **Wei Zhou** (*Department of Obstetrics and Gynaecology, University of Melbourne, Melbourne, VIC, Australia*)
P. Downing, M. Sacco, L.L. Santos, W.T. Teh, E. Dimitriadis
Characterization of the role for Dynamin 2 in the regulation of human endometrial receptivity abs# 145

SRB ORALS - PRODUCING QUALITY SPERM

1:30PM - 3:30PM

Mezzanine M1

Chairs: Robin Hobbs & Elizabeth Bromfield

- 1:30 PM **Yoichi Miyamoto** (*Center for Drug Design Research, National Institutes of Biomedical Innovation, Health and Nutrition, Osaka, Japan*)
Y. Okada, K.L. Loveland, M. Oka
Importin $\alpha 4$ is critical for establishing normal sperm morphology in mice abs# 146
- 1:45 PM **Jessica EM Dunleavy** (*School of BioSciences and Bio21 Institute, Faculty of Science, The University of Melbourne, Parkville, VIC, Australia*)
J. Nguyen, A.E. O'Connor, D. Merriner, J.A. Veltman, D.F. Conrad, F. Tüttelmann, B.J. Houston, M.K. O'Bryan
MROH9 is essential for sperm function and male fertility in mice and men abs# 147
- 2:00 PM **Róisín Griffin** (*College of Engineering, Science and Environment, The University of Newcastle, Callaghan, NSW, Australia*)
N. Harrison, N. Sandagdorj, K. Mcintosh, L.A. Dennis, C. Jenkins, A. Swegen, Z. Gibb
An investigation into the effect of aging on DNA integrity in stallion spermatozoa abs# 148
- 2:15 PM **Yuki Okada** (*The University of Tokyo, Bunkyo, TOKYO, Japan*)
Y. Makino
H3K79 methyltransferase DOT1L is required for the long-term maintenance of spermatogonial stem cells abs# 149
- 2:30 PM **Brendan Houston** (*The University of Melbourne, Parkville, VIC, Australia*)
J. Merriner, A. O'Connor, J. Nguyen, D. Conrad, J. Dunleavy, M. O'Bryan
Axonemal dynein light chain domain containing 1 (AXDND1) plays essential roles in sperm tail formation and controls germ cell content during the first wave of spermatogenesis abs# 150
- 2:45 PM **Sarah Kunkel** (*School of Environment, University of Queensland, St. Lucia, QLD, Australia*)
S. Johnston, T. Pini
Dynamic changes of the sperm proteome during epididymal maturation in the Eastern Grey Kangaroo abs# 151
- 3:00 PM **Nathan Burke** (*The Priority Research Centre for Reproductive Biology, The University of Newcastle, Callaghan, New South Wales 2308, Australia*)
D.A. Skerrett-Byrne, A.L. Anderson, S.D. Roman, J.E. Schjenken, B. Nixon, E.G. Bromfield
Phosphoproteomic analysis of human sperm capacitation reveals roles for novel kinases in regulating sperm motility and acrosomal exocytosis abs# 152
- 3:15 PM **Cathryn A Hogarth** (*Department of Rural Clinical Sciences, La Trobe Rural Health School, La Trobe University, Bendigo, Victoria, Australia*)
L. Mirembe, S. Hilet, A. Rozario, D. Whelan
Super resolution analysis of meiotic recombination in murine spermatocytes abs# 153

ESA-SRB AFTERNOON TEA

3:30PM - 4:00PM

Great Hall 1, 3 & 4

This break is kindly supported by



ESA SUSTAINABILITY INTEREST GROUP

3:30PM - 4:00PM

Mezzanine M1

The newly formed ESA sustainability interest group will explore net zero initiatives in clinical practice, prescribing, minimising low value care, 'greening' conferences, as well as research and advocacy. Some of the first objectives will be to coin the group's terms of reference and create a position statement which will define the group's purpose.

All new members are welcome! Please join us during the ESA/SRB ASM.

Co-chairs: Annabelle Warren, Shoshana Sztal-Mazer & Lyndal Tacon

Afternoon tea provided for all attendees of this session on the Mezzanine Level.

ESA SYMPOSIUM - WOMEN'S HEALTH

4:00PM - 6:00PM

Great Hall 2

Chairs: Carolyn Allan & Lisa Raven

- 4:00 PM **Frances Milat** (*Monash Health, Clayton, VIC, Australia*)
Management of high fracture risk in post-menopausal osteoporosis *abs# 154*
- 4:30 PM **Anju Joham and Chau Thien Tay** (*Monash Health/Monash University, Clayton, Vic, Australia*)
H. Teede
Recommendations from the 2023 International Evidence-based Guideline for the Assessment and Management of Polycystic Ovary Syndrome *abs# 155*
- 5:00 PM **Bronwyn Stuckey** (*Keogh Institute for Medical Research, Nedlands, WA, Australia*)
Menopausal hormone therapy and cardiovascular risk *abs# 156*
- 5:30 PM **Christina Jang** (*Royal Brisbane and Women's Hospital, Herston, QLD, Australia*)
Managing the Menopause – What's New *abs# 157*

SRB - DAVID HEALY NEW INVESTIGATOR AWARDS

4:00PM - 5:30PM

Mezzanine M3

Chairs: Dagmar Wilhelm & Frank Grützner

- 4:00 PM **Lauren R Alesi** (*Department of Anatomy & Developmental Biology, Monash Biomedicine Discovery Institute, Monash University, Clayton, VIC, Australia*)
R. Rosario, A.L. Winship, J.M. Stringer, R.A. Anderson, K.J. Hutt
PUMA blockade protects oocytes from chemotherapy-induced depletion *abs# 158*
- 4:15 PM **Fabrizio Horta** (*Mechanical Engineering and Aerospace, Monash University, Melbourne, VIC, Australia*)
E. Vargas-ordaz, H. Newman, S. Catt, R. Nosrati, V. Cadarso, A. Neild
Non-invasive metabolic imaging using a lab-on-a-chip device detects differences in metabolic profile of early embryos *abs# 159*
- 4:30 PM **Annie Whitty** (*The University of Adelaide, School of Biomedicine, & Robinson Research Institute, Adelaide Medical School, The University of Adelaide, Adelaide, SA, Australia*)
K. Dunning, K. Kind, N. Mcpherson, M. Nottle
GM-CSF treatment of frozen/thawed bovine sperm improves sperm function and quality. *abs# 160*
- 4:45 PM **Ha M. Tran** (*The Robinson Research Institute and Adelaide Medical School, University of Adelaide, Adelaide, SA, Australia*)
H. Chan, D.L. Adelson, S.A. Robertson
Seminal fluid histocompatibility antigens contribute to T cell priming after mating in mice *abs# 161*
- 5:00 PM **Ellen G Jarred** (*Centre for Reproductive Health, Hudson Institute of Medical Research, Clayton, VIC, Australia*)
G. Pulsoni, D. Wilhelm, P.S. Western
PRC2: a novel regulator of ovarian folliculogenesis *abs# 162*
- 5:15 PM **Penny A F Whiley** (*Centre for Reproductive Health, Hudson Institute of Medical Research, Clayton, Vic, Australia*)
M.M. Luu, D. Garama, M. Baker, R.M. Hobbs, K.L. Loveland
The nuclear transport factor, Importin 5 (*Ipo5*) is essential for maintenance of the adult spermatogonial pool *abs# 163*

ROBINSON RESEARCH INSTITUTE AWARD II

5:30PM - 6:15PM

Mezzanine M3

Chair: David Sharkey

- 5:30 PM **Jo James** (*University of Auckland, Auckland, New Zealand*)
Sizing Up FGR: Integrating insights into pathophysiology from the cell to the organ scale *abs# 164*

ESA BASIC SCIENCE AND CLINICAL ORALS (GROWTH AND CANCER)

4:00PM - 6:00PM

Mezzanine M2

Chairs: Renata Libianto & Luke Selth

- 4:00 PM **Nayomi Perera** (*Diabetes and Endocrinology, Royal Melbourne Hospital, Parkville, VIC, Australia*)
J.M. Wentworth, C.J. Yates, A.J. Shen, C. Chiang
Glucagon stimulation test: clinical and biochemical predictors of adult growth hormone deficiency *abs# 165*
- 4:15 PM **Louis Britten-Jones** (*University of Sydney, Darlinghurst, NSW, Australia*)
S. Samra, D. Goltsman, G. Sandler, M. Gild, C. Girgis
Tall Cell Papillary Thyroid Cancer: The Westmead and Royal North Shore experience *abs# 166*
- 4:30 PM **Scott McNeil** (*Monash Health Endocrinology and Diabetes Unit, Melbourne, Victoria, Australia*)
I. Lavender, D. Nandurkar, P. Coombs, E. Paul, J. Wong
Comparison of M-TIRADS to Established Thyroid Classification Systems – A Real-World Retrospective Analysis of Current Thyroid Nodule Ultrasound Scoring Systems. *abs# 167*
- 4:45 PM **Amanda Seabrook** (*Familial Cancer Service, Royal North Shore Hospital, Sydney, NSW, Australia*)
E. Hsiao, D. Chan, B. Robinson, E. Bernard, R. Clifton-Bligh
Efficacy of Radionuclide Therapy (I-131 MIBG OR Lu-177-DOTATATE) in the Treatment of Inoperable or Metastatic Pheochromocytoma and Paraganglioma. *abs# 168*
- 5:00 PM **Lydia S Lamb** (*St Vincent's Clinical School, University of New South Wales, Sydney, NSW, Australia*)
N.F. Lenders, P. Earls, J. Low, H. Sim, A.I. McCormack
Characterising the microenvironment of pituitary neuroendocrine tumours *abs# 169*
- 5:15 PM **Christopher A Muir** (*St. Vincent's Hospital, Darlinghurst, NSW, Australia*)
T. Ashhurst, V.H. Tsang, A.M. Menzies, R.J. Clifton-Bligh, G. Long, R. Scolyer, M. Palendira
Immune cell representations following immune checkpoint blockade in patients experiencing thyroid irAEs *abs# 170*
- 5:30 PM **Renea A Taylor** (*Department of Physiology, University of Melbourne, Melbourne, Victoria, Australia*)
G. Fidelito, D.P. De Souza, B. Niranjana, S. Keerthikumar, M.J. Watt
Multi-substrate metabolic tracing reveals dependency on fatty acid metabolism in human prostate cancer *abs# 171*
- 5:45 PM **Hugo WG Herron-Vellacott** (*School of Biomedical Sciences, University of Queensland, Brisbane, QLD, Australia*)
J.C. Hawken, A. Hagg, Y. Wang, D.J. Bernard, K.L. Walton
Characterisation of a novel modulator of TGF- β signalling in muscle *abs# 172*

ESA-SRB CONFERENCE DINNER

7:00PM - 11:30PM

Venue: Plaza Terrace Room, Brisbane Convention & Exhibition Centre

Pre-dinner drinks from 7:00pm - 7:30pm

After-party venue: Barbossa Bar & Bottle Shop | 7/166 Grey St | South Brisbane

WEDNESDAY 29TH NOVEMBER 2023

ELI LILLY BREAKFAST SESSION - EXPLORING GIP PHYSIOLOGY IN THE HUMAN BODY AND ITS ROLE IN TYPE 2 DIABETES

7:00AM - 8:30AM

Mezzanine M2

Presenter: Professor Roger Chen (Garvan, St Vincent's Hospital, University of Sydney)

This talk will cover:

- The evolution of the understanding of Type 2 diabetes
- The role of the gastrointestinal tract (Gut)
- The role of the gut derived hormones
- GIP- Glucose-dependent insulinotropic polypeptide

Topics covered:

- GIP is a potent incretin hormone in animals.
- GIP knockout mice are protected from weight gain.
- In acute high dose GIP experiments- there is little effect in Type 2 diabetes in humans with regards to glucose lowering
- GIP resistance in Type 2 in clamp studies
- Mice, dogs and humans may all be different.
- Higher affinity agonists with slower elimination PK are now available.

Breakfast is included for all attendees of this session on the Mezzanine Level.

This session is kindly supported by



SRB SSR EXCHANGE LECTURE

8:00AM - 8:30AM

Mezzanine M1

Chair: Karla Hutt

8:00 AM **Monica Laronda** (*Stanley Manne Children's Research Institute, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, USA*)

How the ovarian niche maintains and promotes gametogenesis

abs# 173

ESA SYMPOSIUM - DIABETES, OBESITY AND THE METABOLIC SYNDROME

8:30AM - 10:30AM

Great Hall 2

Chairs: Shane Hamblin & Leon Bach

8:30 AM **Anna Wood** (*Menzies School of Health Research, Darwin, NT, Australia*)

Establishing a weight management clinic in the regional setting; a Northern Territory Perspective *abs# 174*

9:00 AM **Matthew Watt** (*University of Melbourne, Clayton, VIC, Australia*)

Understanding hepatokines secretion in NAFLD: implications for the treatment of metabolic diseases

abs# 175

9:30 AM **Mitchell A Sullivan** (*Mater Research Institute - The University of Queensland, Brisbane, QLD, Australia*)

E. Tejo, X. Tan, B. Deng, Z. Wang, B. Schulz, Z. Hu, J. Forbes, R. Gilbert

Diabetes and glycogen: how diabetes affects the quantity and quality of our "glucose batteries" *abs# 176*

10:00 AM **Anish Menon** (*Princess Alexandra Hospital, Metro South Health, Brisbane, QLD, Australia*)

Navigating the Complex Landscape of Type 2 Diabetes Care: Leveraging Digital Health Solutions for Improved Management *abs# 177*

ESA SYMPOSIUM - NUCLEAR ENDOCRINE IMAGING

8:30AM - 10:30AM

Mezzanine M3

Chairs: Marni Nenke & Roderick Clifton-Bligh

- 8:30 AM **Emma Boehm** (*Peter MacCallum Cancer Centre, Melbourne, VIC, Australia*)
Insulinoma localisation with PET/CT abs# 178
- 9:00 AM **David Pattison** (*Royal Brisbane & Women's Hospital, Herston, QLD, Australia*)
Re-differentiation therapy for RAI refractory thyroid cancer: the I-FIRST Trial abs# 179
- 9:30 AM **Jimmy Shen** (*Monash Health and Hudson Institute of Medical Research, Clayton, VIC, Australia*)
Emerging PET/CT imaging in primary aldosteronism – our experience with Ga68-Pentixafor PET/CT abs# 180
- 10:00 AM **James McNeil** (*Nuclear Medicine PET & Bone Densitometry, Royal Adelaide Hospital, SA, Australia*)
Peptide Receptor Radionuclide Therapy (PRRT): Beta particle therapy and beyond abs# 181

SRB SYMPOSIUM - EVOLUTION OF REPRODUCTIVE MECHANISMS

8:30AM - 10:30AM

Mezzanine M2

Chairs: Andrew Pask & Gerard Tarulli

- 8:30 AM **Frank Grützner** (*University of Adelaide, Adelaide, SA, Australia*)
New Insights from Old Mammals: Evolution and Organisation of Mammalian Sex Chromosomes abs# 182
- 9:00 AM **Michael Garratt** (*University of Otago, Dunedin, New Zealand*)
Mammalian life-extension by female contraception and male castration abs# 183
- 9:30 AM **Lisa Schwanz** (*University of New South Wales, Randwick, NSW, Australia*)
Environmental influences on sex and the evolution of sex-determining mechanisms abs# 184
- 10:00 AM **Craig Smith** (*Monash University, Clayton, VIC, Australia*)
A. Major, K. Morris, M. Ford, T. Doran
The curious case of avian sex determination. abs# 185

SRB ORALS - PREGNANCY AND PLACENTA

8:30AM - 10:30AM

Mezzanine M1

Chairs: Jo James & Joshua Fisher

- 8:30 AM **Leaf Kardol** (*The University of Western Australia, Perth, WA, Australia*)
A. Grey, C. Jeffries-Stokes, A. Stokes, S. Bourke, C. Wyrwoll
Consumption of nitrate in drinking water during pregnancy and lactation disrupts rat offspring growth and adult behaviour abs# 186
- 8:45 AM **Tanja Jankovic-Karasoulos** (*Flinders University, Bedford Park, ACT, Australia*)
M.D. Smith, S. Leemaqz, J. Williamson, D. McCullough, A.L. Arthurs, G.A. Dekker, C.T. Roberts
Is maternal folate excess following Australian folic acid food fortification doing harm in pregnancy? abs# 187
- 9:00 AM **Bridget M Arman** (*Department of Obstetrics and Gynaecology, University of Melbourne, Therapeutics Discovery and Vascular Function in Pregnancy Group, Heidelberg, Victoria, Australia*)
N.K. Binder, N. de Alwis, A. Garg, T.J. Kaitu'u-Lino, N.J. Hannan
Exploring the therapeutic potential of proton pump inhibitor, pantoprazole, for preterm birth prevention in preclinical models abs# 188
- 9:15 AM **Laura Wilkinson** (*University of Otago, Dunedin, OTAGO, New Zealand*)
Prolonged seminal fluid exposure before pregnancy promotes embryo survival and placental function in mice abs# 189
- 9:30 AM **Dayna A Zimmerman** (*School of Biomedical Sciences, The University of Queensland, St Lucia, QLD, Australia*)
O.J. Holland, J.S. Cuffe
The effects of metformin treatment for diabetes during pregnancy on placental mitochondrial function and fetal outcomes abs# 190
- 9:45 AM **Olivia Holland** (*School of Pharmacy and Medical Sciences, Griffith University, Gold Coast, Queensland, Australia*)
H. Rathnayake, A. Liang, R. Lai, K. Patel, A. Lorimer, M. Kamara, K. Richard, F. Da Silva Costa
Maternal circulating antioxidant function and microRNAs may influence placental gene expression and gestational diabetes pathophysiology abs# 191
- 10:00 AM **Sreeparna SB Bhaumik** (*University of Queensland, Woolloongabba, QLD, Australia*)
J.J. Lockett, V.V. Clifton
Maternal stress, anxiety, and depression are all associated with increased placental glucocorticoid receptor D1 isoform expression in cohorts from Queensland and South Australia. abs# 192

10:15 AM **Rose C Freemantle** (*Dept. Obstetrics and Gynaecology, University of Melbourne, Therapeutic Discovery and Vascular Function in Pregnancy Group, Melbourne, Victoria, Australia*)
N.K. Binder, N. de Alwis, T.J. Kaitu'u-Lino, S. Tong, L. Hui, N.J. Hannan
Purinergic signalling in the human placenta and the functional role of purinergic receptors P1A1, P1A2A, and P2Y6 in placental development *abs# 193*

ESA & SRB MORNING TEA

10:30AM - 11:00AM

Great Hall 1, 3 & 4

This break is kindly supported by



ESA-SRB PLENARY – PROF BU YEAP

11:00AM - 12:00PM

Great Hall 2

Chair: Gary Wittert

11:00 AM **Bu Yeap** (*School of Medicine, University of Western Australia, Perth, WA, Australia*)
New perspectives on testosterone and men's health *abs# 194*



SHINGRIX

Recombinant Varicella Zoster Virus glycoprotein E antigen (AS01_B adjuvanted vaccine)



For Australian Healthcare Professionals

DID YOU KNOW PATIENTS WITH DIABETES MAY BE AT INCREASED RISK OF DEVELOPING SHINGLES?#1

¹Risk ratio 1.24 (95% CI: 1.14, 1.35)
Assessed in 32 studies.¹

Absolute risk was not reported in the meta-analysis.¹

The number of patients/cases and patient ages for specific conditions cannot be defined from the reference.¹

Meta-analysis of 18 risk factors, across 88 studies, with a total population of 198,751,846 individuals with 3,768,691 shingles cases.¹

Not a real patient. For illustrative purposes only. Not representative of every patient's experience.

Help prevent shingles and PHN in adults at increased risk of shingles

WITH SHINGRIX²

PHN: post-herpetic neuralgia

Indication²: SHINGRIX is indicated for the prevention of herpes zoster (HZ) and post-herpetic neuralgia in: adults 50 years of age or older, and adults 18 years of age or older at increased risk of HZ.

Contraindication²: Hypersensitivity to the active substances or to any component of the vaccine.

Dosing and administration²: The primary vaccination schedule consists of two doses of 0.5 mL each; an initial dose followed by a second dose 2 to 6 months later. For subjects who are immunodeficient, immunosuppressed or likely to become immunosuppressed due to known disease or therapy, and who would benefit from a shorter vaccination schedule, the second dose can be given 1 to 2 months after the initial dose. SHINGRIX is for intramuscular injection only, preferably in the deltoid muscle.

Safety Information²: In pivotal trials, very common (≥10%) solicited local adverse reactions and solicited general adverse events were pain, redness, and swelling at the injection site; and myalgia, fatigue, headache, shivering, fever, and gastrointestinal symptoms, respectively. SHINGRIX is a non-live vaccine and is not contraindicated in patients who are immunocompromised. As with other vaccines, an adequate immune response may not be elicited in these individuals. There are limited data to support the use of SHINGRIX in individuals with a history of shingles and in frail individuals including those with multiple comorbidities. Healthcare professionals therefore need to weigh the benefits and risks of shingles vaccination on an individual basis.

PBS INFORMATION: Shingrix is listed on the National Immunisation Program (NIP) for Aboriginal and Torres Strait Islander adults aged ≥50 years, for all individuals aged ≥65 years and for adults aged ≥18 years with some immunocompromising medical risk conditions. Refer to NIP schedule or your State or Territory Health department.

PLEASE REVIEW PRODUCT INFORMATION BEFORE PRESCRIBING.
Product information can be accessed at www.gsk.com.au/shingrix



Scan QR code to see full SHINGRIX Product Information.

▼ This medicinal product is subject to additional monitoring in Australia. This will allow quick identification of new safety information. Healthcare professionals are asked to report any suspected adverse events at www.tga.gov.au/reporting-problems.

References: 1. Marra F et al. Open Forum Infect Dis 2020;7:ofaa005. 2. SHINGRIX Approved Product Information

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ESA POSTER LISTING

ESA BASIC SCIENCE LIGHTNING POSTER LISTING

- Ben M Lawrence** (*The University of Newcastle, Callaghan, NSW, Australia*)
L. O'Donnell, A. Gannon, I. Abbott, D. Rebourcet, L.B. Smith
Identifying alternative hydroxysteroid dehydrogenases capable of testosterone biosynthesis in *Hsd17b3*-deficient mice abs# 210
- Monica Majumder** (*Royal North Shore Hospital, St Leonards, NSW, Australia*)
L. Ding, C. Wood, C. Hodgkins, E. White, B.G. Robinson, R.J. Clifton-Bligh, P. Bonnitcha, M.L. Gild
Clinical validation of a lenvatinib assay abs# 211
- Anne Nicole De Jesus** (*Monash Biomedicine Discovery Institute, Department of Physiology, Monash University, Clayton, VIC, Australia*)
B.A. Henry
The effect of menstrual cyclicity on brown adipose tissue activity in eumenorrhic women tabs abs# 212
- Ziyi Wang** (*Queensland Alliance for Agriculture and Food Innovation, University of Queensland, Saint Lucia, QLD, Australia*)
M. Sullivan, L. Wang, R. Gilbert
Exploring the fragility of liver glycogen alpha particles in diabetes abs# 213
- Miguel Lorenzo Sales Agoncillo** (*The Westmead Institute for Medical Research, Westmead, NSW, Australia*)
J. Chen, J. Yu, C. Girgis, J. Gunton
Effects of myocyte-specific deletion of Vitamin D receptors on muscle function and structure in mice abs# 214
- Caroline Bachmeier** (*Chemical Pathology, Sullivan Nicolaides Pathology, Bowen Hills, QLD, Australia*)
D. Kanowski, L. Price, G. Daley, R. Flatman, G. Ward
Trend of IGF-1 levels over time - is it time to adjust our reference intervals? abs# 215

ESA CLINICAL LIGHTNING POSTER LISTING

- Stephanie Teasdale** (*Mater Hospital, South Brisbane, QLD, Australia*)
Glycogenic hepatopathy is associated with hepatic steatosis in type 1 diabetes abs# 216
- Elizabeth Wootton** (*Department of Endocrinology and Diabetes, Austin Health, Melbourne, Victoria, Australia*)
M. Grossmann, A.M. Warren
Dysnatraemia in the era of climate change: a global systematic review of the association between serum sodium and climate abs# 217
- Josephine McCarthy** (*Department of Medicine, School of Clinical Sciences at Monash Health, Faculty of Medicine Nursing and Health Sciences, Monash University, Clayton, Victoria, Australia*)
J. Widjaja, F.M. Gao, I.J. Lee, J.H. Lai, S. Gupta, J. Vuong, P.M. Choi, T.G. Phan, J. Yang
Screening for primary aldosteronism underutilised in stroke and transient ischaemic attack: a multi-centre cohort study abs# 218
- Melanie Tempest** (*Western Health, Melbourne, VIC, Australia*)
B. Wornes, E. Karahalios, J. Gong
Establishment of normal reference values for ^{99m}Tc-pertechnetate thyroid uptake in the local population, an Australian first abs# 219
- Kharis Burns** (*Department of Endocrinology and Diabetes, Royal Perth Hospital, Perth, WA, Australia*)
A. Stuckey, S. Wilson, G. Watts, B. Stuckey
Hierarchical Cluster Analysis and Principal Components Analysis confirm metabolic and reproductive subtypes in PCOS abs# 220
- Brendan J Nolan** (*Endocrinology, Austin Health, Heidelberg, Victoria, Australia*)
S. Zwickl, J.D. Zajac, A.S. Cheung
Short-term effects of testosterone therapy on quality of life in trans individuals seeking masculinisation: a prespecified secondary analysis of a randomised clinical trial abs# 221

ESA POSTER LISTING - BASIC SCIENCE

- Imogen Abbott** (*The University of Newcastle, Newcastle, NSW*)
A. Gannon, D. Bird, A. Schedl, D. Wilhelm
New insights into adrenal cortex development using a novel preclinical model of Adrenal Hypoplasia Congenita *abs# 222*
- Caroline Bachmeier** (*Chemical Pathology, Sullivan Nicolaides Pathology, Bowen Hills, QLD, Australia*)
T. Foster, G. Daley, R. Flatman, L. Price, D. Kanowski, G. Ward
What's new with LDL-cholesterol calculations? *abs# 223*
- Caroline Bachmeier** (*Chemical Pathology, Sullivan Nicolaides Pathology, Bowen Hills, QLD, Australia*)
B. Teis, L. Price, D. Kanowski, G. Daley, G. Ward
It's all in the CTX *abs# 224*
- Martyn Bullock** (*Department of Physiology, Pharmacology and Toxicology, West Virginia University, Morgantown, WV, USA*)
A. Widiapradja, G. Lim, R.J. Clifton-Bligh, S.P. Levick
Adverse Cardiac Remodelling Following Foxe1 Deletion in the Adult Mouse *abs# 225*
- Martyn Bullock** (*Cancer Genetic Laboratory, Kolling Institute, St Leonards, NSW, Australia*)
R.J. Clifton-Bligh
Exploring FOXE1's Role in Thyroid Cancer: Insights from ENCODE Data *abs# 226*
- Huong Q Duong** (*University of the Sunshine Coast, Sippy Downs, QLD, Australia*)
M. Maugham-Macan, G. Kafer
Investigating the aetiology of early-onset osteoporosis in Down Syndrome using a human stem cell model *abs# 227*
- Akhil Gajipara** (*School of Environmental and Life Sciences, The University of Newcastle, Newcastle, New South Wales, Australia*)
A. Darbey, P. Brown, D. Rebourcet, B. Lawrence, L. O'Donnell, L. Smith, A. Gannon
The Utility of AAVs to target the Adrenal Gland *abs# 228*
- Daham Kim** (*Department of Internal Medicine, Institute of Endocrine Research, Yonsei University College of Medicine, Seoul, Republic of Korea*)
Y. Cho, M. Kang, S. Lee, C. Ku, H. Chi, J. Ahn, K. Lee, J. Han, S. Chi, M. Song, S. Cha, E. Lee
Using SAFA Technology to Develop a Long-Acting FSH for the Treatment of Female Infertility *abs# 229*
- Kyungwon Kim** (*Endocrinology, Yonsei University College of Medicine, Seoul, South Korea*)
H. Shin, J. Moon, E. Kim, E. Lee, C. Kang, C. Ku
Spliceosome component TCERG1 regulates the aggressiveness of somatotroph adenoma *abs# 230*
- Haitong Luan** (*Department of Physiology, Monash Biomedicine Discovery Institute, Monash University, Clayton, Victoria, Australia*)
W.A. Stocker, E.R. Buddle, D.J. Bernard, C.A. Harrison, K.L. Walton
Characterisation of inhibin-binding to its novel co-receptor, TGFBR3L *abs# 231*
- Michelle Maugham-Macan** (*University of the Sunshine Coast, Sippy Downs, QLD, Australia*)
H. Duong
Fracture risk in Breast Cancer Bone Metastases: Does Obesity have an effect? *abs# 232*
- Amy Harding** (*Bendigo Health, Bendigo, VIC, Australia*)
B. Lou, B. Lacy, C.W. Tan, J.M. Triay
Factors associated with engagement with blood glucose monitoring using a cloud-based platform (NetHealth) for monitoring Gestational Diabetes and associated outcomes *abs# 233*
- Cameron Wood** (*NSW Health Pathology, St Leonards, NSW, Australia*)
C. Hodgkins, M. Charan, P. Ward, L. Ding, D. Chesher
Method validation and trueness estimation of thyroglobulin by LC-MS/MS. *abs# 234*
- Tongyue Yang** (*Division of Endocrinology, Department of Internal Medicine, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China*)
G. Qin, Y. Zhao
NDRG1 is a potential fibrosis and metabolic memory-related gene in diabetic kidney disease *abs# 235*

ESA POSTER LISTING - CLINICAL

- Claudia Ashkar** (*Endocrinology and Diabetes, St Vincent's Hospital, Melbourne, VIC, Australia*)
M. Derbyshire, B. Krishnamurthy, R. MacIsaac, N. Sachithanandan
Diagnostic accuracy of the water deprivation test combined with fasting copeptin in the polyuria-polydipsia syndrome abs# 236
- Tharaka Gayaththri Athukorala** (*Diabetes and Endocrine Unit, National Hospital of Sri Lanka, Colombo 10, Colombo, Sri Lanka*)
N. Pathirana, P.G. Punchihewa, S. Pathmanathan, U. Bulugahapitiya, M. Sumanatilleke
A retrospective study on clinical characteristics treatment approaches and outcome data of patients with prolactinoma followed up at a tertiary care center in Sri Lanka abs# 237
- Nada Bechara** (*Department of Diabetes and Endocrinology, Blacktown-Mt Druitt Hospital, Blacktown, NSW, Australia*)
J. Gunton, P. Tehan
Vitamin D levels and outcomes of diabetes related foot ulceration abs# 238
- Jessica Bindra** (*Department of Endocrinology, Royal North Shore Hospital, Sydney, NSW, Australia*)
L.J. Tacon, R. Clifton-Bligh
Less than subtotal parathyroidectomy is an effective surgical approach for multiple endocrine neoplasia type 1—primary hyperparathyroidism abs# 239
- Jessica Bindra** (*Department of Endocrinology, Royal North Shore Hospital, Sydney, NSW, Australia*)
R. Clifton-Bligh, M. Gild
The Genetic Landscape of Familial Non-Medullary Thyroid Cancer (FANTOM): Protocol for a multi-centre cohort study abs# 240
- Emma Boehm** (*Peter MacCallum Cancer Centre, Melbourne, VIC, Australia*)
T. Hung, T. Akhurst, A. Cardin, R. Alipour, C. Chiang, R. Hicks, M. Hofman, M. Michael, N. Sachithanandan, J. Saghebi, G. Kong
Peptide receptor radionuclide therapy (PRRT) for management of ectopic Cushing's syndrome due to metastatic gastroenteropancreatic neuroendocrine neoplasia (GEPNEN): A single centre experience abs# 241
- Christopher Chan** (*Sydney Medical School, University of Sydney, Sydney, New South Wales, Australia*)
B. Tran, Y. Wu, C. Suthaharen, L. Baker, J. Ryan, C. Girgis
Improving adrenal vein sampling with point-of-care cortisol assays abs# 242
- Sukesh Chandran** (*St John of God Hospital Perth, Midland, WESTERN AUSTRALIA, Australia*)
D. Sharma
An audit on clinical characteristics and hospital course of patients admitted with hyponatremia. abs# 243
- Qi Chen** (*Royal Liverpool University Hospital, , Liverpool, the United Kingdom*)
G.Q. Chen, L. Wang, Y. Wang, M. Qin, D. Zhang, Y. Gu, M. Zhao
The comparison of pregnancy outcomes between diet and insulin treatment in women with GDM: a case-control study abs# 244
- Aiden Man Hei Cheung** (*South Western Sydney Local Health District, Campbelltown, NSW, Australia*)
A. Thin
Incidence and risk factors of transient and permanent post-thyroidectomy hypocalcaemia at a rural referral hospital in Australia. abs# 245
- Dong-Hyeok Cho** (*Endocrinology and Metabolism, Chonnam National University Hospital, Dong-ku, Gwangju, South Korea*)
J. Chung, D. Chung
Non-Alcoholic Steatohepatitis Is Associated With Diabetic Cardiomyopathy in Type 2 Diabetes abs# 246
- Hochan CHC Cho** (*Keimyung University Dongsan Hospital, Daegu, DAEGU, South Korea*)
J.P. Park, J.Y. You
The role of adipisin for pancreatic beta-cell function in type 2 diabetes abs# 247
- Terry Diamond** (*St George Hospital, Sydney, NSW, Australia*)
C. Godber, C. Clark, R. Rahbari, C. Bryant
Radiation-induced bone loss in women treated for gynaecological malignancies abs# 249

- Prishila Fookeerah** (*Department of Diabetes and Endocrinology, Westmead Hospital, Sydney, NSW, Australia*)
W. Varikatt, M. Mclean
 Impact of the current lack of standardisation on the validity of pathological assessment of pituitary tumours:
 What clinicians need to know. abs# 250
- Prishila Fookeerah** (*Department of Diabetes and Endocrinology, Westmead Hospital, Sydney, NSW, Australia*)
W. Varikatt, M. Shingde, M.A. Dexter, M. Mclean
 Clinical behaviour of multilineage tumours expressing PIT1 and SF1 in a cohort of tumours at Westmead Hospital abs# 251
- Prishila Fookeerah** (*Diabetes and Endocrinology, Westmead Hospital, Sydney, NSW, Australia*)
W. Varikatt, M.A. Dexter, M. Mclean
 New histological variants of pituitary tumours vary in their patterns of expression of somatostatin receptors. abs# 252
- Matti Gild** (*Northern Clinical School, Faculty of Health and Medicine, University of Sydney, Sydney, NSW*)
C. Streeter, J. Hill, M. Pederson, C. Girgis, R. Clifton-Bligh
 Real World Teriparatide Experience in a Tertiary Centre abs# 253
- Gregory I Hockings** (*Endocrinology Unit, Greenslopes Private Hospital, Brisbane, Qld, Australia*)
A.J. Love, S.B. Velosa, R.J. Clifton-Bligh, E.L. Duncan
 Heterogeneity of clinical behaviour of pheochromocytomas in an MEN 5 kindred abs# 254
- Shoshana Sztal-Mazer** (*Department of Endocrinology and Diabetes, Alfred, Melbourne, Victoria, Australia*)
A. Jones, L.A. Bach, S. Patil, M. Blazos, K. Solanki, E. Robertson
 The utility of a protocol for prophylactic Zoledronic Acid in patients undergoing bone marrow transplantation abs# 255
- Ho-Cheol Kang** (*Internal Medicine/Endocrinology and metabolism, Chonnam National University Bitgoeul Hospital, Gwangju, South Korea*)
J. Yoon, J. Park, H. Kim
 Ultrasonographic features predicting lateral cervical lymph node metastases in patients with papillary thyroid microcarcinoma abs# 256
- Tavleen Kaur** (*Department of Endocrinology, John Hunter Hospital, New Lambton, NSW, Australia*)
T. Ong, M. Kerr, H. Tan, S. Acharya, R. Ruddell, C. Abel, M. Carey, C. O'Neill, E.E. Croker
 Establishment of a new adrenal vein sampling service in a tertiary referral centre: experience over a 21-month period with a prospective quality improvement audit abs# 257
- Wonjin Kim** (*CHA University, CHA Gangnam Medical Center, Gangnam-gu, SEOUL, South Korea*)
 Fetal Abdominal Obesity in Women with One Value Abnormality on Diagnostic Test for Gestational Diabetes Mellitus abs# 258
- Jeremy A Knott** (*Endocrinology, St George Hospital, Sydney, NSW, Australia*)
M.J. Bennett, M.M. Brzozowska
 An Internal Audit of the Sutherland Hospital Gestational Thyroid Clinic: Changes in referral process and clinical outcomes before and after implementation of a referral management algorithm. abs# 259
- Minkyung Lee** (*Soongsil University, Seoul, South Korea*)
K. Han, J. Lee
 Risk of endometrial cancer and change in obesity status among young women: a nationwide population-based cohort study abs# 260
- Yong-ho Lee** (*Yonsei University College of Medicine, Seoul, SEOUL, South Korea*)
E. Han
 Differential effects of aerobic and muscle strengthening physical activities on non-alcoholic fatty liver disease, and cardiovascular disease abs# 261
- Monica Majumder** (*Royal North Shore Hospital, St Leonards, NSW, Australia*)
T. Lian, S. Kumar, V. Tsang, B.G. Robinson, A. Glover, R.J. Clifton-Bligh, M.L. Gild
 Lenvatinib for advanced thyroid cancer: Real world experience with dosing and outcomes abs# 262
- Christopher A Muir** (*School of Clinical Medicine, University of New South Wales, Sydney, NSW, Australia*)
M. Guttman-Jones, E.J. Man
 Clinical, biochemical, and hormonal effects of gender affirming hormone treatment in transgender individuals – a retrospective cohort study. abs# 263

- Chandini Murali** (*School of Public Health, University of Sydney, Sydney, NSW, Australia*)
V. Murali
Socioeconomic correlations of diabetes in mentally ill inpatients abs# 264
- Chandini Murali** (*Pediatric Endocrinology, Center of Excellence In Diabetes and Endocrinology, Sacramento, CA, USA*)
G. Prakasam, C. Haaland
The impact of metabolic control and caregiver education level on the oral health of paediatric diabetic patients abs# 265
- Brendan J Nolan** (*Endocrinology, Austin Health, Heidelberg, Victoria, Australia*)
A.S. Cheung, S. Zwickl
Low-dose testosterone in non-binary individuals: a retrospective cohort study abs# 266
- Rosa Oh** (*Samsung Medical center, Seoul, South Korea*)
S. Cho, Y. Lee, G. Kim, S. Jin, K. Hur, J. Kim
Predictors of metastasis in patients with pheochromocytoma or paraganglioma : a single center retrospective cohort study abs# 267
- Tsui Yue Ong** (*Department of Endocrinology, John Hunter Hospital, New Lambton, NSW, Australia*)
T. Kaur, H. Tan, M. Kerr, S. Acharya, R. Ruddell, C. Abel, M. Carey, C. O'Neill, E.E. Croker
Accuracy of point of care rapid cortisol assay to predict success of adrenal vein sampling: a real-world prospective audit of the use of a rapid cortisol assay with 50mcg/hr ACTH-infusion in a tertiary referral hospital. abs# 268
- Sumathy Perampalam** (*The Canberra Hospital, Garran, ACT, Australia*)
K. Wu, M. Gild, L. Tacon, M. Bullock, R. Clifton-Bligh
Systematic review and meta-analysis of the association between autoimmune thyroiditis and papillary thyroid cancer with *BRAF* mutation abs# 269
- Alexander J. Rodriguez** (*Bone & Muscle Research Group, School of Clinical Sciences at Monash Health, Monash University, Melbourne, VIC, Australia*)
R. Hii, N. Nerlekar, P.R. Ebeling
The presence of coronary artery calcification is associated with smaller increases in femoral neck bone mineral density in patients on anti-resorptive therapy abs# 271
- Simon Ryder** (*Royal Brisbane & Womens Hospital, Queensland Health, Brisbane, QLD, Australia*)
C. Chiang, R. Clifton-Bligh, C. Yates, E.L. Duncan, D. Pattison
Management impact of molecular imaging in the management of phaeochromocytoma & paraganglioma: a pseudoprospective cohort study. abs# 272
- muthukumar sankaran** (*endocrine surgery, madurai medical college, madurai, Tamil nadu, India*)
m. salmon, a. vijay, j. ramachandran, s. ibrahim
A Prospective Study on Hyperthyroidism Induced Dilated Cardiomyopathy and its Recovery Following Treatment abs# 273
- Jae Bin Seo** (*Boramae Medical Center, Dongjakgu, Seoul, South Korea*)
The Impact of Arterial Stiffness on Late Loss After Percutaneous Coronary Intervention According to Diabetes abs# 274
- Sonali S Shah** (*Endocrinology, Monash Health, Clayton, VIC, Australia*)
J. Zhang, S.M. Gwini, M.J. Young, P.J. Fuller, J. Yang
Mineralocorticoid receptor antagonist treatment for low-renin hypertension: a systematic review and meta-analysis abs# 275
- Darby J Thompson** (*University Of New South Wales, Sydney, NSW, Australia*)
J. Low, N. Shoung, R.J. Harvey, B.P. Jonker, M. Winder, A.I. McCormack
Surgical Outcomes of Marsupialisation in Rathke's Cleft Cyst Patients abs# 276
- Cammie Tran** (*School of Public Health and Preventive Medicine, Monash University, Melbourne, VIC, Australia*)
B.B. Yeap, J. Ball, D. Clayton-Chubb, S. Hussain, A. Brodtmann, J.J. McNeil
Testosterone and the risk of incident atrial fibrillation in older men: the ASPREE study abs# 277
- Elizabeth Wootton** (*Faculty of Medicine, Monash University, Melbourne, VIC, Australia*)
W. Lin, A. Harding, M.W. Savage, J. Triay
Management of patients with Graves' disease at a regional health service abs# 278

- Vinh Hong** (*Bendigo Health, Bendigo, VIC, Australia*)
C.W. Tan, J.M. Triay
Severe and prolonged thyrotoxicosis following iodinated contrast media. A shared lesson abs# 279
- Quynh Truong** (*Department of Pharmacy, Royal Brisbane Women's Hospital, Brisbane, Queensland, Australia*)
A. YU
Systematic Review: Impact of Increasing PreOperative HbA1C Levels on Postoperative Outcomes in Adults Undergoing Major Non-Cardiac Surgery abs# 280
- Julia JT Tsolakis** (*Royal Prince Alfred Hospital, Annandale, NSW, Australia*)
S.S. Chong, M.M. Lin, A.A. Hsieh
Clinical audit of Diabetic Ketoacidosis presentations to a major tertiary centre abs# 281
- Aashi Venkat** (*Pediatric Endocrinology, Center of Excellence In Diabetes and Endocrinology, Sacramento, CA, USA*)
G. PRAKASAM, W. Clark
Physician directed low cost self help program to help patients and families manage obesity and related health programs and creating a Cardio-Metabolic Institute abs# 282
- Annabelle M Warren** (*Department of Endocrinology, The Austin Hospital, Heidelberg, VIC, Australia*)
A. Ghasem-Zadeh, R. Hoermann, A. Midgley, E. Seeman, M. Grossmann
Hyponatraemia is associated with deteriorated bone microarchitecture in older women abs# 283
- Eleanor White** (*Royal North Shore Hospital, St Leonards, NSW, Australia*)
A. Glover, R. Clifton-Bligh, M. Gild
Application of a clinical support tool in active surveillance for low risk thyroid cancer – A Prospective Study abs# 284
- Udai Wijetunga** (*Endocrinology and Diabetes Unit, Colombo South Teaching Hospital, Colombo, Sri Lanka*)
U. Bulugahapitiya, T. Wijeratne
Reversal of central obesity during the first year after bariatric surgery in Sri Lankan adults abs# 285
- George Yang** (*Peter MacCallum Cancer Centre, Parkville, VIC, Australia*)
C. Jackson, S. Lingaratnam, N. Sachithanandan, C. Chiang
SGLT2 inhibitors and the incidence of euglycemic diabetic ketoacidosis in a specialist cancer centre abs# 286
- Jun Yang** (*Health and Social Care Unit, Monash University, Melbourne, Victoria, Australia*)
H. Morris, A. Melder, E. Ng, H. Skouteris, W. Chong
A scoping review of adrenal vein sampling in practice: lessons for implementation abs# 287
- Jin Yu** (*Seoul Saint Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, South Korea*)
J. Ha
Effect of risedronate on bone loss after hematopoietic stems cell transplantation: A Prospective, Double-blinded, Randomized Controlled Trial abs# 288
- Karolina Zawadzka** (*Jagiellonian University Medical College, 2nd Department of General Surgery, Kraków, Poland*)
P. Małczak, M. Wysocki, P. Major, M. Pędzwiatr, M. Pisarska-Adamczyk
Pretreatment with phenoxybenzamine or doxazosin - which better prevents hypertensive surges during laparoscopic adrenalectomy for pheochromocytoma? abs# 289

ESA POSTER LISTING - CLINICAL CASE STUDIES

- Xian Wei Ang** (*Logan Endocrine and Diabetes Services, Logan Hospital, Logan, Queensland, Australia*)
L. Edward, D. Roberts, S. Ryder
A case of pseudoaldosteronism due to naturopathic supplements abs# 290
- Radhika Dr Arunkumar** (*Baker Heart and Diabetes Institute, Melbourne, VICTORIA, Australia*)
Transforming Maternal Health care in rural communities: Leveraging existing resources to strengthen health care systems and Foster Sustainable Solutions for Gestational Diabetes Mellitus abs# 291
- Daniel Bennett** (*Endocrinology and Diabetes, Monash Health, Melbourne, VIC, Australia*)
K. Hanlon, A. Desra, J. Wong, P. Fuller
The Proselyte Pituitary: A tale of a pituitary macroadenoma, or so we thought! abs# 292

- Maria Bilal** (*Macarthur Diabetes, Endocrinology and Metabolism Service, Campbelltown Hospital, Campbelltown, NSW, Australia*)
K. Bulsari
Severe hypercalcaemia in pregnancy - use of calcitonin as bridging therapy to parathyroidectomy. abs# 293
- Laura Careless** (*Department of Diabetes and Endocrinology, Princess Alexandra Hospital, Brisbane, Queensland, Australia*)
B. Sly
Cauda equina neuroendocrine tumours - not your standard paraganglioma abs# 294
- Rebekah R Chew** (*Flinders Medical Centre, Adelaide, SA, Australia*)
E. Quick, J.T. Ho, M.G. Burt
Primary adrenal melanoma masquerading as adrenocortical carcinoma abs# 295
- Ritoo Chowdhury** (*The Canberra Hospital, Campbell, ACT, Australia*)
S. Perampalam
Not just an insulinoma abs# 296
- Kay Hau Aaron Choy** (*Department of Endocrinology and Diabetes, Barwon Health, Geelong, Victoria, Australia*)
K. Silva
Risk factors associated with osmotic demyelination syndrome: beyond rapid correction of hyponatraemia abs# 297
- Raymond Dharmaputra** (*Endocrinology, Gold Coast Health Service, Southport, QLD, Australia*)
The Eyes, The Heart, and The Adrenal, How The Optics Matter abs# 298
- Frank Gao** (*Austin Health, Heidelberg Heights, VIC, Australia*)
A. Sharifi, J. Ng
Pheochromocytoma crisis presenting with haemodynamic instability and multi-organ failure abs# 299
- Felicity Stringer** (*St Vincent's Hospital, Melbourne, VIC, Australia*)
H. Goh, E. Quan, C. Jung
A case of severe myositis: clinicopathological challenges in the differentiation between statin induced myopathy and immune-mediated necrotising myositis abs# 300
- Sylvia Ye** (*Department of Endocrinology and Diabetes, Western Health, Melbourne, Victoria, Australia*)
J.Y. Gong, D. Gordon, B. Fleming, J. Tan, T. Hulf, T. Kuany, M. Shamassi, C.J. Yates, D. Kevat
Metanephrine mirage: distinguishing the phaeocopies abs# 301
- Mauli Govinna** (*Department of Endocrinology and Diabetes, Monash Health, Clayton, VIC, Australia*)
C. Allan, S. Sarlos, R. Giri
A duelling case of male hypogonadism abs# 302
- Mauli Govinna** (*Department of Endocrinology, Monash Health, Clayton, Victoria, Australia*)
A. Bi, D. Bennett, H. O'Brien, E. Sawires, S. Tabatabai, G. Soldatos, C. Allan
Hyponatraemia with altered conscious state precipitated by colonoscopy preparation abs# 303
- Saba Gul** (*Bendigo Hospital, Melbourne, Victoria, Australia*)
E. Wootton, A. Harding, J. Triay
From Fractures to Myeloma: A Journey Through ACTH-Dependent Cushing's Syndrome abs# 304
- Michael Hancock** (*Department of Endocrinology and Diabetes, Sir Charles Gairdner Hospital, Perth, WA, Australia*)
B. Stuckey
Difficulty in Controlling Bone Turnover and Managing Osteoporosis After Roux-end-Y Gastric Bypass abs# 305
- Annabelle Hayes** (*Department of Endocrinology, St Vincent's Hospital Sydney, Darlinghurst, NSW, Australia*)
V. Tsang, R. Clifton-Bligh
SDHB and the pituitary: a tale beginning with one sibling abs# 306
- Annabelle G Hayes** (*Garvan Institute of Medical Research, Sydney, NSW, Australia*)
M. Penny, J.R. Greenfield
Oxalate nephropathy after rapid pasireotide response abs# 307
- Thaw (Thaw Dar) Htet** (*Endocrine Department, St George Hospital, Kogarah, NSW*)
J. Knott, M. Lee, A. Horvath
Diagnostic challenges in a case of refractory hypercalcemia abs# 308

| | |
|---|----------|
| Shoshana Sztal-Mazer (<i>Department of Endocrinology and Diabetes, Alfred, Melbourne, Victoria, Australia</i>) A. Jones, D. Buxton A surprising case of delayed drug hypersensitivity to Teriparatide | abs# 309 |
| Victoria A.L. Kanowski (<i>Department of Medicine, Cairns Hospital, Cairns, QLD, Australia</i>) L. Conway Masquerading mass: Clinically silent paraganglioma | abs# 310 |
| Jeremy A Knott (<i>Endocrinology, St George Hospital, Sydney, NSW, Australia</i>) T. Diamond Severe osteoporosis in a female with type 1 diabetes and pancreatic exocrinopathy with chronic malabsorption and vitamin D deficiency: case report | abs# 311 |
| Jeremy A Knott (<i>Endocrinology, St George Hospital, Sydney, NSW, Australia</i>) M. Lee, A. Horvath, T. Htet Diagnostic challenges in a case of refractory hypercalcemia: case report | abs# 312 |
| Jeremy A Knott (<i>Endocrinology, St George Hospital, Sydney, NSW, Australia</i>) T. Htet Severe overt hypothyroidism-induced rhabdomyolysis complicated by acute renal impairment: a case report | abs# 313 |
| Sneha Krishna (<i>Mater Hospital Brisbane, South Brisbane, QLD, Australia</i>) A. Morton Parathyroid cyst: an uncommon cause of primary hyperparathyroidism | abs# 314 |
| Sneha Krishna (<i>Mater Hospital Brisbane, South Brisbane, QLD, Australia</i>) L. Phillips, S. Teasdale A peculiar presentation of paralysis | abs# 315 |
| Sneha Krishna (<i>Mater Hospital Brisbane, South Brisbane, QLD, Australia</i>) A. Morton Familial partial glucocorticoid resistance syndrome | abs# 316 |
| Sneha Krishna (<i>Mater Hospital Brisbane, South Brisbane, QLD, Australia</i>) A. Morton Biochemically negative pheochromocytomas | abs# 317 |
| Shejil Kumar (<i>Endocrinology Department, Royal North Shore Hospital, Sydney</i>) T. Millington, R. Clifton-Bligh A rare case of mandibular metastasis in a patient with low-grade oncocytic adrenocortical cancer | abs# 318 |
| Minh V Le (<i>Department of Diabetes & Endocrinology, Royal Melbourne Hospital, Melbourne</i>) J. King, S. Furlanos, A. Shen Silent prolactinoma in a woman of childbearing age: a case report | abs# 319 |
| Minh V Le (<i>Department of Diabetes & Endocrinology, Royal Melbourne Hospital, Melbourne</i>) S. Furlanos ¹ , C.J. Yates, J. King, A. Shen A Case Report of Multiple Endocrine Neoplasia Type 1 (MEN1): Contemporary lessons from a classical syndrome | abs# 320 |
| Rose Lin (<i>Department of Endocrinology, Northern Health, Epping, VIC, Australia</i>) S. Varadarajan, L. Angus MEN2 be or not to be? | abs# 321 |
| Sarah Lum (<i>Endocrinology Melbourne, Heidelberg Heights, VIC, Australia</i>) A. Koneshamoorthy Carotenaemia as a clinical manifestation of Cushing's syndrome | abs# 322 |
| Daisuke Miura (<i>Austin Health, Melbourne, VIC, Australia</i>) E. Wootton, S. Varadarajan When hoofbeats are zebras: An unexpected case of medullary thyroid cancer | abs# 323 |
| Sharanya D Mohan (<i>Endocrinology, St Vincent's Hospital, Sydney, NSW, Australia</i>) P. Forner, J.A. Eisman Not a typical case of primary hyperparathyroidism | abs# 324 |

- Sharanya Mohan** (*Department of Diabetes and Endocrinology, St Vincent's Hospital, Sydney, New South Wales, Australia*)
P. Forner, J. Snaith
Hypercalcemia following use of calcium sulphate beads in total knee replacement abs# 325
- Lauren Moll** (*Ipswich Hospital, Ipswich, QLD, Australia*)
T. Dover, K. Haigh
Stereotactic Body Radiation Therapy for Conservative Management of Pancreatic Insulinoma in an 85-Year-Old Male with hypoglycaemia unawareness: A Case Study abs# 326
- Mitchell Munnings** (*Endocrinology, Launceston General Hospital, Launceston, TAS, Australia*)
H.D. Nguyen
A case of carcinoma of unknown primary within the sellar abs# 327
- Ben Nash** (*Austin Health, Melbourne, VICTORIA, Australia*)
Very severe hypertriglyceridaemia with lipaemia retinalis, eruptive xanthoma and pseudohyponatraemia abs# 328
- Chrislyn Ng** (*School of Clinical Sciences, Monash University, CLAYTON, VIC, Australia*)
A. Trinh, R. Zebaze, C. Shore-Lorenti, P.R. Ebeling, F. Milat
Management of multiple vertebral fractures during lactation in a patient with osteogenesis imperfecta type I following twin delivery abs# 329
- Ji Yong Park** (*Chonnam National University Medical School, Gwangju, South Korea*)
H. Kang
A case of IgG4-related thyroiditis diagnosed during active surveillance for papillary thyroid microcarcinoma abs# 330
- Erin Paul** (*Endocrinology, Austin Health, Heidelberg, VIC, Australia*)
S. Lum, S. Baker, M. Grossmann
Factitious thyrotoxicosis as an important diagnosis to keep in mind abs# 331
- Luis Pena** (*Ballarat Base Hospital, South Geelong, VIC, Australia*)
D. Song
Hypocalcaemia and Wolff-Parkinson-White Syndrome as Rare Manifestations of Muscular Dystrophy abs# 332
- Cecilia T Pham** (*University of Melbourne, Parkville, VIC, Australia*)
A. Eer, N. Kutaiba
A Challenging Case of Evolving Bilateral Adrenal Haemorrhage in the Setting of Essential Thrombocytosis abs# 333
- Gnanagurudasan Prakasam** (*Pediatric Endocrinology, Center of Excellence In Diabetes and Endocrinology, Sacramento, CA, USA*)
C. Haaland, K. Kaiserman, J. Rinker
Diabetes burnout identification and the role of Inhaled Insulin in the dynamic management of Type 1 Diabetes and well-being in a young adult abs# 334
- Subanki Rajanayagam** (*Endocrinology, Monash Health, Clayton*)
J. McCarthy, P. Fuller, D. Renouf
Rare exclusively dopamine secreting paragangliomas abs# 335
- Lisa M Raven** (*St Vincent's Hospital, Darlinghurst, NSW, Australia*)
R.B. Feller, A. Soita, C. Brown, J.R. Greenfield
Delayed gastric emptying with perioperative use of glucagon-like peptide-1 receptor agonists abs# 336
- Ibrahim Shahid** (*Department of Endocrinology and Diabetes, Western Health, Melbourne, Victoria, Australia*)
A. Koneshamoorthy, P. Santos, J. Tan, S. Vorgan, V. Grill
Diagnostic accuracy of 4D-CT scan compared to Ultrasound and Sestamibi scan for localising parathyroid adenomas: A single centre experience abs# 337
- Abraham Shamshad** (*Department of Endocrinology and Diabetes, Alfred Hospital, Melbourne, VIC, Australia*)
S. McNeil, A. Davis, J. Mann, K. Hackman
Acromegaly presenting with sudden onset headache and acute Unilateral Oculomotor Nerve Palsy in a young woman abs# 338
- Arunan Sriravindrarajah** (*Royal Prince Alfred Hospital, Sydney, NSW, Australia*)
C. Lee, K. Wong, A. Kean
Resolution of pituitary 'macroadenoma' from treatment of underlying severe primary hypothyroidism abs# 339

| | |
|---|----------|
| Arunan Sriravindrarahaj (<i>St Vincent's Hospital, Sydney, NSW, Australia</i>) <i>K. Hughes, S. Mohan, P. Bonnitcha</i> Finding the precipitant for an unexpected elevation in TSH – the importance of considering laboratory interferences | abs# 340 |
| Arunan Sriravindrarahaj (<i>St Vincent's Hospital, Sydney, NSW, Australia</i>) <i>S. Mohan, P. Bonnitcha</i> Hyponatraemia and cholestasis – remember the X factor | abs# 341 |
| Felicity Stringer (<i>St Vincent's Hospital Melbourne, Melbourne, Victoria, Australia</i>) <i>C. Preston, R. MacIsaac, F. Inchley, L. Rivera-Woll, S. Farrell, E. Yong, N. Sachithanandan</i> A tale of two sisters – delayed diagnosis of hypoglycaemia | abs# 342 |
| Tzu Mi Tseng (<i>Diabetes and Endocrinology, Princess Alexandra Hospital, Brisbane, Queensland, Australia</i>) <i>A. Menon, W. Inder</i> Distinguishing subclinical Cushing's disease from a nonfunctioning pituitary tumour – unreliability of the intravenous dexamethasone suppression test | abs# 343 |
| Rachael Zuzek (<i>The Wollongong Hospital, Wollongong, NSW, Australia</i>) <i>T. van Gemert, K. Fu</i> Spinal cord compression as the initial presentation of follicular thyroid cancer | abs# 344 |
| Rachael Zuzek (<i>The Wollongong Hospital, Wollongong, NSW, Australia</i>) <i>T. van Gemert, M. Luttrell</i> Recurrent pancreatitis in Familial Hypocalciuric Hypercalcaemia treated with cinacalcet | abs# 345 |
| Karen Van (<i>Eastern Health, Box Hill, VIC, Australia</i>) <i>S. Balachandran, R. Wong, M. Mond</i> Synchronous metastatic thyroblastoma and metastatic lung adenocarcinoma | abs# 346 |
| Kimberly Voon (<i>Department of Endocrinology and Diabetes, Royal Perth Hospital, Perth</i>) <i>Y. Chan, W. Loh, G. Watts</i> A case report: recurrent pancreatitis and metabolic dysregulation in a patient with a novel PPAR- γ mutation | abs# 347 |
| Anindita P Wardhani (<i>Department of Endocrinology, Hornsby Ku-ring-gai Hospital, Northern Sydney Local Health District, Sydney, New South Wales, Australia</i>) <i>J. Hoang</i> Insulin autoimmune syndrome and COVID-19 infection: a case report and literature review | abs# 348 |
| Dragon Ka Lung Wat (<i>Resident, MAPU, Toowoomba Hospital, Toowoomba, QLD, Australia</i>) <i>I. Bonapart</i> Clinical Case of Eosinophilic Esophagitis (EoE) leading to likely diagnosis of congenital Connective Tissue Disease (CTD) | abs# 349 |
| Alexander Yao (<i>Diabetes and Endocrinology, Royal Melbourne Hospital, Melbourne, Victoria, Australia</i>) <i>M. Christie, J. Miller, C. Yates</i> Pheochromocytoma resection unmasking Addison's disease in a case of Autoimmune Polyglandular Syndrome type 2 | abs# 350 |
| Alexander Yao (<i>Diabetes and Endocrinology, Royal Melbourne Hospital, Melbourne, Victoria, Australia</i>) <i>A. Shen</i> A Curious Case of Cushing's | abs# 351 |
| Sin Dee Yap (<i>Sunshine Coast University Hospital, Birtinya, QLD, Australia</i>) <i>B. Sillars</i> Pituitary metastasis | abs# 352 |
| Ning Zhang (<i>Department of Endocrinology, Royal North Shore Hospital, St Leonards, NSW, Australia</i>) <i>E. White, N. Little, W. Varikatt, M. Dexter, S. Glastras</i> Macroprolactinoma in an adolescent female with primary amenorrhoea | abs# 353 |
| Rachael Zuzek (<i>Wollongong Hospital, Figtree, NSW, Australia</i>) <i>T. Van Gemert, J. Zhang</i> A rare case of hypercalcaemia secondary to advanced chronic liver disease | abs# 354 |

Rachael Zuzek (Wollongong Hospital, Figtree, NSW, Australia)
T. Van Gemert, A. Pape
Hereditary paraganglioma associated with SDHB mutation

abs# 355

SRB POSTER LISTING

SRB HUDSON ECR/MCR POSTER PRIZE FINALISTS LISTING

- Stefan M Botha** (Translational Obstetrics Group, The Department of Obstetrics and Gynaecology, Mercy Hospital for Women, University of Melbourne, Melbourne, Victoria 3084, Australia)
P. Cannon, A. Nguyen, T. Nguyen, N. Pritchard, C.A. Cluver, L. Bergman, R. Dechend, O. Nonn, S. Tong, T.J. Kaitu'u-Lino
Cystatin 6 (CST6) expression is increased in preeclamptic pregnancies abs# 200
- Michaela Sacco** (Gynaecology Research Centre, Royal Women's Hospital, Melbourne, Victoria, Australia)
W. Zhou, P. Downing, W. Tinn Teh, E. Dimitriadis
Myosin Heavy Chain 10 downregulation within endometrial epithelial cells contributes to dysregulation in adhesion abs# 201
- Leah Calvert** (University of Newcastle, Callaghan, NSW, Australia)
J.H. Martin, A.L. Anderson, I.R. Berntstein, S.J. Stanger, G.N. De Iuliis, M.D. Dun, S.D. Roman, M.P. Green, B. Nixon
Assessment of the impact of acute *in vivo* PFAS exposure on male reproductive health abs# 202
- Jacob K Netherton** (The University of Newcastle, Callaghan, NSW, Australia)
R. Ogle, B.R. Robinson, M.A. Baker
Spatial dynamics of mRNA during spermatogenesis abs# 203
- Hanah M Hart** (Infertility and Reproduction Research Program, Hunter Medical Research Institute, New Lambton Heights, NSW, Australia)
D.A. Skerrett-Byrne, B. Nixon, G.N. De Iuliis
Characterising sperm membrane proteins and their remodelling during capacitation abs# 204
- Kate B Carey** (School of Medical Sciences, Faculty of Medicine and Health, The University of Sydney, Camperdown, New South Wales, Australia)
M.H. Rayhanna, M.B. Morris, M.L. Day
The role of insulin-like growth factor binding protein-3 in mouse embryo implantation abs# 205
- Harriet C Fitzgerald** (Department of Obstetrics and Gynaecology, Monash University, Clayton, VIC, Australia)
S. Mortlock, C. Filby, F. Cousins, B. McKinnon, E. Marquez-Garcia, G.W. Montgomery, C. Gargett
Determining the pathogenesis of endometriosis by utilising a single cell atlas of endometrial stem/progenitor cells abs# 206
- Sarah C Moody** (Centre for Reproductive Health, Hudson Institute of Medical Research, Clayton, VIC, Australia)
B. Nathaniel, C. Conduit, N. Lawrentschuk, B. Tran, K.L. Loveland
RNA-seq to identify activin and TGF β target genes in Testicular Germ Cell Tumours abs# 207
- Caitlin G. Chambers** (The University of Sydney, Faculty of Science, School of Life and Environmental Sciences, 2006, NSW, Australia)
T. Barker, J.P. Rickard, S.P. de Graaf
Assessing the impact of cryopreservation on Merino ram sperm using three DNA integrity assays abs# 208
- Trent Newman** (School of BioSciences, The University of Melbourne, Melbourne, VIC, Australia)
T. Ishihara, P. Rizzoli, L. Xiao, Q. Gouil, D. Bond, T. Hore, G. Shaw, M.B. Renfree
The *PRKACB* locus is imprinted in marsupials abs# 209

SRB POSTER LISTING - ASSISTED REPRODUCTIVE TECHNOLOGY

- Georgia Bennett** (School of BioSciences, The University of Melbourne, Melbourne, VIC, Australia)
T. Truong, R. Kelley, D.K. Gardner
Antioxidants in sperm incubation media for IVF treatment improve subsequent mouse embryo development abs# 356

- Patricio Palacios Benitez** (*School of Agriculture and Food Sustainability, The University of Queensland, Gatton, Queensland, Australia*)
I.I. Ortiz, J. Dorado, M. Hidalgo, J. Garcia-Diaz, A. Gambini
 Effect of Zinc Supplementation on the Quality of Cooled Stored Equine Sperm abs# 357
- Soraya Rasi Ghaemi** (*Health and Medical Sciences, The University of Adelaide, Adelaide, South Australia, Australia*)
D. Sharkey, N. McPherson, K. Vasilev, S. Robertson
 Engineering functionalised surfaces that selectively capture suboptimal spermatozoa for applications in human IVF abs# 358
- Katherine R Seymour** (*School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW, Australia*)
T. Pini, K. Pool, C.G. Chambers, J.P. Rickard, S.P. de Graaf
 Accuracy of sperm morphology assessment is dependent on microscope optics and morphological classification method abs# 359
- Sophie Warr** (*School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW, Australia*)
S. de Graaf, T. Pini, J. Rickard
 Serum derived complement proteins play an important role in sperm-neutrophil binding abs# 360
- Farin Yazdan Parast** (*Department of Mechanical and Aerospace Engineering, Monash University, Clayton, Victoria, Australia*)
A.S. Gaikwad, S. Powar, R. Prabhakar, M.K. O'Bryan, R. Nosrati
 Role of viscous loading in regulating bull and mouse sperm flagellar waveform abs# 361

SRB POSTER LISTING - CANCER

- Junlan (Iris) Ma** (*Department of Molecular and Translational Sciences, School of Clinical Sciences, Monash University, Clayton, VIC, Australia*)
S.C. Moody, K.L. Loveland
 Will the combination of external (endocrine disruptor chemical) and intrinsic (growth factor) exposures influence the fate of testicular germ cell tumours? abs# 362
- Sarah Sczelecki** (*Te Herenga Waka Victoria University of Wellington, Kelburn, WELLINGTON, New Zealand*)
C. Henry, J. Pitman
 Leveraging a mouse model to identify candidate secreted biomarkers of human early ovarian cancer abs# 363
- Tanya Soboleva** (*JCSMR, ANU, Canberra, ACT, Australia*)
X. Jiang, D. Tremethick, G. Hart-Smith, A. Sobolev
 Targeting of a novel cancer/testis epigenetic regulator for the treatment of cancer. abs# 364

SRB POSTER LISTING - DEVELOPMENTAL BIOLOGY

- Alexander L. Carleton** (*Mater Research, BRISBANE, QLD, Australia*)
D. Chan, J. Botto, G.J. Faulkner, S.R. Richardson
 Circumventing L1 Reporter Silencing to Observe L1 Mediated Genetic Mosaicism abs# 365
- Renee Chu** (*MRI-UQ, Brisbane, QLD, Australia*)
A. Carleton, S. Workman, S. Richardson
 Mobile DNA activity in mammalian primordial germ cell specification abs# 366
- Rachael Rogers** (*The University of Melbourne, Melbourne, Victoria, Australia*)
D.M. Matiske, A.J. Pask
 Exposure to diethylstilbestrol causes transgenerational effects on female fertility and reproductive development through altering DNA methylation abs# 367
- Ellen Wall** (*Department of Endocrinology, Concord Repatriation General Hospital, Sydney, NSW*)
V. Jayadev
 A rare case of ambiguous genitalia and gender dysphoria – a role for molecular genetic sequencing? abs# 368

SRB POSTER LISTING - EMBRYO/STEM CELLS

- Bethany J Finger** (School of BioSciences, University of Melbourne, Parkville, VIC, Australia)
E. Morano, A.J. Harvey, M.P. Green
Endocrine disrupting chemicals found in personal care products perturb *in vitro* mouse blastocyst lineage cell counts and outgrowth areas abs# 369
- Monique H Rayhanna** (The University of Sydney, Sydney, NSW, Australia)
M.B. Morris, M.L. Day
Sphingosine kinases are required for mouse preimplantation embryo development *in vitro* abs# 370
- Thiago Damasceno Teixeira** (School of Agriculture, Food and Ecosystem Sciences, University of Melbourne, Parkville 3010, Victoria, Australia)
B.J. Finger, B. Novakovic, E.A. Kleeman, A. French, R. Fry, F. Dunshea, M.P. Green
Differential miRNA profiles in bovine blastocysts produced via IVF and SCNT may explain the lower development rates of cloned embryos abs# 371

SRB POSTER LISTING - ENDOMETRIUM/ENDOMETRIOSIS/GYNAECOLOGY

- Michelle K Dang** (Gynaecology Research Centre, The University of Melbourne, Royal Women's Hospital, Parkville, Victoria, Australia)
J.V. Nguyen, L. Cann, B. Bilston, M.J. Griffiths, P.A. Rogers, J.F. Donoghue
Characterising the functional role of VEZT in the endocannabinoid pathways in endometriosis abs# 372
- Jacqueline F Donoghue** (Obstetrics and Gynaecology Department and Gynaecology Research Centre, University of Melbourne and The Royal Women's Hospital, Parkville, Victoria, Australia)
M. Griffiths, S. Beharis, B. Bilston, L. Cann, G. Prewer, M. Healey, P.A. Rogers
Somatic KRAS mutations are associated with endometriosis lesion subtypes, recurrence and patient age abs# 373
- Jordan Higgins** (Anatomy and Developmental Biology, Monash University, Clayton, Victoria, Australia)
L.R. Alesi, F. Cousins, A. Winship, K.J. Hutt
Single-dose cisplatin does not impact endometrial decidualisation abs# 374
- Jessica V Nguyen** (Obstetrics and Gynaecology, University of Melbourne and Gynaecology Research Centre, Royal Women's Hospital, Melbourne, Victoria, Australia)
M.K. Dang, L. Cann, B. Bilston, J.F. Donoghue, J. Chung, P.A. Rogers, M.J. Griffiths
Novel regulators of menstruation and their potential roles in abnormal uterine bleeding abs# 375
- Amy R. Shainfeld** (School of BioSciences, University of Melbourne, Parkville 3052, VIC, Australia)
B.J. Finger, W. Zhou, E.M. Menkhorst, E. Dimitriadis, M.P. Green
Investigating the effects of Triclosan and Methylparaben exposure on endometrial function abs# 376
- Tess L Symington** (School of Biomedical Science and Pharmacy, University of Newcastle, Newcastle, NSW, Australia)
J.J. Fisher, S.J. Delforce, W. Zhou, E. Dimitriadis, K.G. Pringle
Changes in endometrial prorenin and the (pro)renin receptor across the menstrual cycle and in early pregnancy abs# 377
- Thomas T Tapmeier** (Department of Obstetrics & Gynaecology, Monash University, Clayton, Victoria, Australia)
C. James, J.K. Farley, N. Borash, A. Tresso, S. Bayat, A. Shah, J. Steele, R. Schittenhelm, S. Gurung, B. Vollenhoven
Extracellular Vesicles as Biomarkers of Endometriosis abs# 378

SRB POSTER LISTING - FERTILITY/CONTRACEPTION

- Rebecca Brady** (University of Queensland, West End, QLD, Australia)
N. Kent, A. Reid, J. Cuffe
Rodent models of Autoimmune Thyroiditis: insights to impaired fertility and pregnancy success abs# 379
- Jessica M Stringer** (Ovarian Biology Laboratory, Department of Anatomy and Developmental Biology, Biomedicine Discovery Institute, Monash University, Clayton, VIC, Australia)
S. Novakovic, E. Granger, C. Harris, V. Tsui, K. Hutt, E.R. Hoffmann, D.J. McCarthy, W. Crismani
The inter-generational effects of genome-wide genomic instability on fertility abs# 380

SRB POSTER LISTING - GENE REGULATION

- Satoshi Hara** (*Division of Molecular Genetics and Epigenetics, Department of Biomolecular Sciences, Saga University, Saga, SAGA, Japan*)
F. Matsuhisa, S. Kitajima, H. Yatsuki, M. Ichimaru, K. Higashimoto, H. Soejima
Exploration of responsible sequence for aberrant hypermethylation at maternal H19-ICR and BWS-like phenotypes in mice *abs# 381*
- Hasini Rathnayake** (*School of Pharmacy and Medical Sciences, Griffith University, Gold Coast, Queensland, Australia*)
M. Kamara, F. Da Silva Costa, A. Kundar, I. Singh, O. Holland
Placental gene function and maternal circulating microRNA levels related to gestational diabetes mellitus severity *abs# 382*
- Stephanie Workman** (*Mater Research Institute, Brisbane, QLD, Australia*)
S.R. Richardson
Visualising LINE-1 retrotransposon expression dynamics in female and male germ cell development *abs# 383*

SRB POSTER LISTING - GROWTH FACTORS/CYTOKINES/IMMUNE SYSTEM

- Shanu Parameswaran** (*Infertility and Reproduction Research Program, Hunter Medical Research Institute, Hunter Medical Research Institute and School of Environmental and Life Sciences, University of Newcastle, Australia, New Lambton Heights, New South Wales, Australia*)
J. Mayall, F. Sun, A.L. Anderson, B. Nixon, S.A. Robertson, O.J. Rando, J.E. Schjenken
Defining the immune cell profile of the mouse seminal vesicle *abs# 384*

SRB POSTER LISTING - MALE REPRODUCTIVE TRACT

- Mark P Hedger** (*Hudson Institute of Medical Research, Clayton, VIC, Australia*)
R. Ravinthiran, R. Genovese, R. Wijayarathna, K.L. Loveland, A. Meinhardt
Quantification of mononuclear phagocyte populations in the mouse epididymis: regulation by activin and effects of sexual maturation *abs# 385*
- Brandon R Menzies** (*The University of Melbourne, Vic, Australia*)
S.R. Frankenberg, A.J. Pask
Therian ancestry of INSL3 mediated testicular descent in mammals *abs# 386*
- Oluwabunmi I Olatunji** (*University of Adelaide, Adelaide, SA, Australia*)
H.E. Lyons, V. Nikitaras, M. Nottle, N. McPherson
The generation of a sperm-specific miR-30a/c2 overexpression mouse model for understanding paternal programming *abs# 387*
- Shannon P Smyth** (*Infertility and Reproduction Research Program, Hunter Medical Research Institute, Newcastle, NSW, Australia*)
N.A. Trigg, J.E. Schjenken, J.H. Martin, A.L. Anderson, I.R. Bernstein, D.A. Skerrett-Byrne, B. Nixon, E.G. Bromfield
Sub-chronic elevation of ambient temperature differentially alters male reproductive function depending on the duration of exposure *abs# 388*
- Melanie K Stewart** (*University of Melbourne, Parkville, VIC, Australia*)
P. Bernard, C. Ang, D.M. Mattiske, A.J. Pask
Exogenous oestrogen exposure causes cytoskeletal remodelling in a human testis cell line *abs# 389*

SRB POSTER LISTING - NATIVE/EXOTIC SPECIES BIOLOGY

- Stephen Frankenberg** (*University of Melbourne, Parkville, VIC, Australia*)
Targeting female fertility in invasive vertebrate pests using gene drives *abs# 390*
- Amey Hughes** (*Victoria University of Wellington, Wellington, New Zealand*)
D. Harrington, S. Hinkley, J. Pitman
Development of an ESR1 yeast bioassay for the assessment of Phyto-oestrogen interactions in kākāpō *abs# 391*

SRB POSTER LISTING - OOCYTE/FOLLICLE DEVELOPMENT/CORPUS LUTEUM

- Anmol Saini** (*Discipline of Reproduction and Development, School of Biomedicine, University of Adelaide, Adelaide, South Australia, Australia*)
M. Nottle, N. McPherson
GM-CSF during *in vitro* oocyte maturation increases glucose uptake in oocyte abs# 392
- Motoyuki Shimonaka** (*Tokyo University of Science, Shinjuku-ku, Tokyo, Japan*)
M. Miyajima
Study on domain-dependent regulation of follicle development by insulin-like growth factor binding proteins abs# 393
- Elyse O K Swindells** (*Anatomy and Developmental Biology, Monash University, Clayton, VIC, Australia*)
J.M. Stringer, K.J. Hutt
Clearing the slate: optimising and assessing the use of optical-clearing technologies in experimentally quantifying the ovarian follicle pool abs# 394

SRB POSTER LISTING - PITUITARY/GONADAL AXIS

- Liza O'Donnell** (*Griffith University, Southport, Queensland, Australia*)
A. Gannon, B. Lawrence, I. Stevant, P. Sararols, S. Nef, D. Rebourcet, L.B. Smith
Ingenuity Pathway Analysis reveals novel pathways in adult mouse Leydig cells that are altered by *in vivo* LHCGR activation. abs# 395

SRB POSTER LISTING - PREGNANCY/PARTURITION/PLACENTA

- Siddharth Acharya** (*Mothers and Babies Research Program, Hunter Medical Research Institute, Newcastle, NSW, Australia*)
V.B. Botha, J.E. Schjenken, R. Smith, J.J. Fisher
The Role of Mitochondrial Complex I in Placental Development and Fetal Growth Restriction abs# 396
- Sophie M Leech** (*School of Chemistry and Molecular Biosciences, The University of Queensland, St Lucia, QLD, Australia*)
E.S. Dorey, H.L. Barret, M. Dekker Nitert
Women with pre-existing type 2 diabetes mellitus have altered gut microbiome composition in pregnancy abs# 397
- Yimiao Yu** (*University of Melbourne, Carlton, VIC, Australia*)
G. Yang, L. Santos, W. Zhou, S. Gurung, K. Lê Cao, E. Menkhorst, . Dimitriadis
Dysregulation of placental melanophilin during early pregnancy disrupts trophoblast differentiation. abs# 398

SRB POSTER LISTING - RECEPTORS/SIGNAL TRANSDUCTION

- Anna-Lisa Pozzacchio** (*Department of Rural Clinical Sciences, La Trobe Rural Health School, La Trobe University, Wodonga, VIC, Australia*)
S. Hughes, C.A. Hogarth
The retinoic acid receptors and binding proteins display distinct localization patterns in adult murine epididymal epithelial cells. abs# 399

SRB POSTER LISTING - SPERMATOGENESIS/SPERM FUNCTION

- Rachel Ogle** (*The University of Newcastle, CALLAGHAN, NSW, Australia*)
M. Baker, J. Netherton, B. Robinson
Investigating the conservation of CDC2-like kinases across eukaryotes and their role in male fertility abs# 400
- Benjamin R Robinson** (*University of Newcastle, Callhagn , NSW, Australia*)
M. Baker
Understanding the molecular mechanism underpinning the adverse affects of testicular heat stress abs# 401
- Gülizar Saritas** (*Department of Growth and Reproduction, Copenhagen University Hospital - Rigshospitalet, Copenhagen, Denmark*)
N. Moerup, T. H. Johanssen, A. Juul, L. Aksglaede, S. B. Winge, K. Almstrup
Testicular histopathology and its association to semen quality and serum concentrations of reproductive hormones in 1400 men abs# 402

Eloise Spanner (*Faculty of Science, University of Sydney, Camperdown, NSW, Australia*)

M. Robertson, S. de Graaf, J. Rickard

DNA fragmentation is correlated with abnormal morphology of frozen-thawed ram spermatozoa

abs# 403

Madeleine Van de Hoek (*School of Life and Environmental Sciences, Faculty of Science, The University of Sydney, Sydney, NSW, Australia*)

J.P. Rickard, S.P. de Graaf

Changes to the seminal environment induced by the metabolism of ram spermatozoa

abs# 404

SRB POSTER LISTING - UTERUS/PLACENTA/IMPLANTATION

Luhao Han (*School of Pharmacy and Medical Sciences, Griffith University, Gold Coast, Queensland, Australia*)

O. Holland, F. Da Silva Costa, A. Perkins

Integrative transcriptomic analysis of miRNA-mRNA network in late-onset preeclampsia placentae *abs# 405*

Laura Lindsay (*School of Medical Sciences, University of Sydney, Sydney, NSW, Australia*)

E. Blayney, A. Cunningham, S. Kalam, S. Dowland

Control of exocytosis in uterine epithelial cells during uterine receptivity

abs# 406

SRB POSTER LISTING - OTHER

Teruhito Ishihara (*Epigenetics Programme, Babraham Institute, Cambridge, United Kingdom*)

C. Belton, G. Kelsey

Nanosplit – Allele-specific read sorting programme for Oxford nanopore long read sequencing platform.

abs# 407

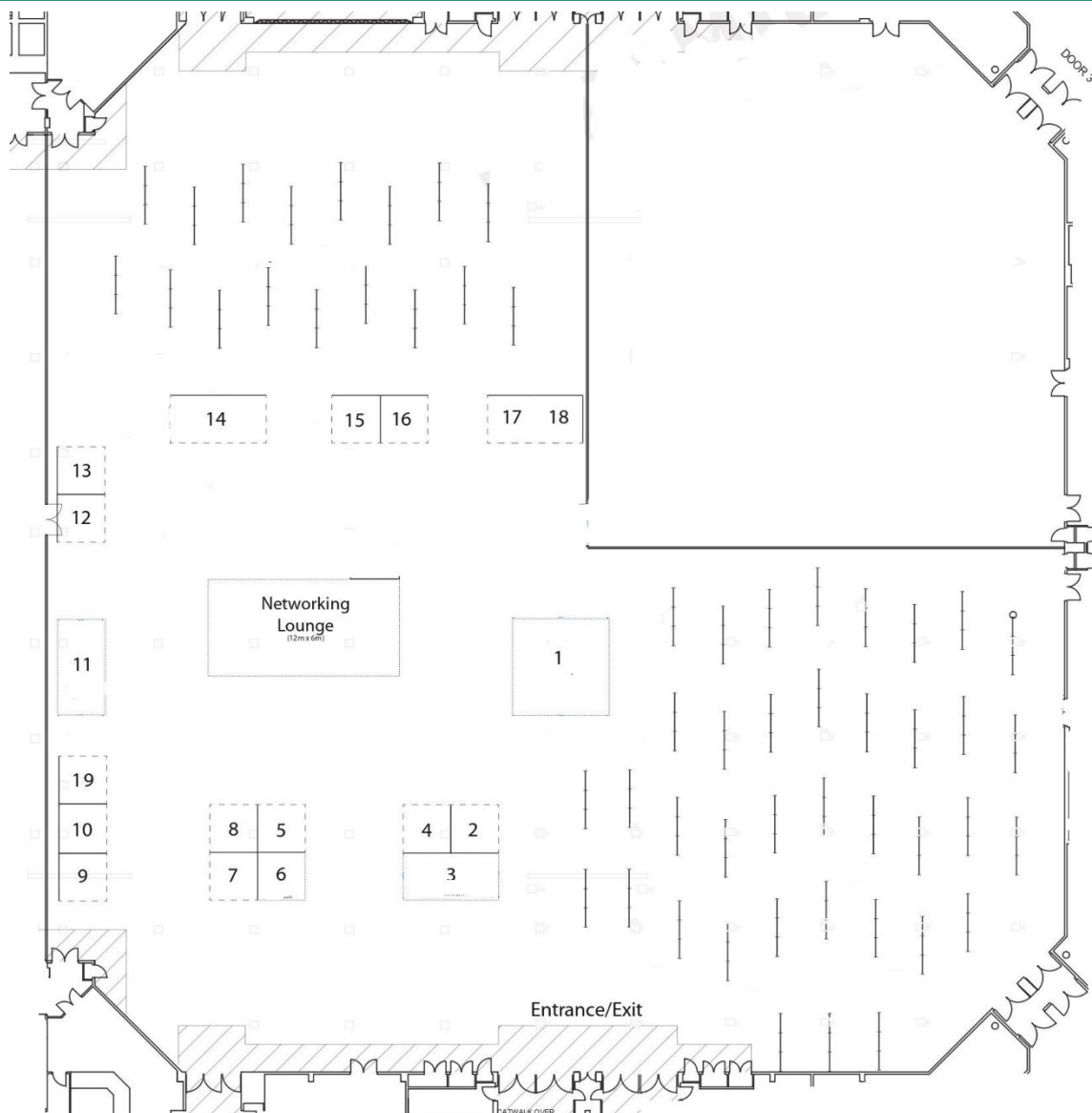
Yi-An YP Pan (*Gold Coast University Hospital, Southport, QLD, Australia*)

P.P. Davoren

A follow-up audit of the use of short synacthen test

abs# 408

EXHIBITION FLOOR PLAN



| Booth Number | Organisation | Booth Number | Organisation |
|--------------|--------------------------------------|--------------|--|
| 1 | Novo Nordisk Pharmaceuticals Pty Ltd | 10 | Endocrine Society of Australia |
| 2 | Besins Healthcare | 11 | Eli Lilly Australia Pty Ltd |
| 3 | GSK | 12 | Australian Thyroid Foundation |
| 4 | Ipsen Pty Ltd | 13 | Bioscientifica |
| 5 | Merck Healthcare Pty Ltd | 14 | Society for Reproductive Biology |
| 6 | Pfizer Australia | 15 | Lawley Pharmaceuticals |
| 7 | Insulet / Omnipod | 16 | Australian Addison's Disease Association Inc |
| 8 | Kyowa Kirin Australia | 17 & 18 | Echolight Australia / Cortex Health |
| 9 | Sanofi Aventis Australia Pty Ltd | 19 | Healius Pathology |

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medicines to Australian patients with unmet rare disease needs. Currently, our main area of focus is X-linked hypophosphataemia (XLH), a rare, genetic, and progressive disease. You can learn more about our business at www.kyowakirin.com/australia.

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Merck Healthcare

www.merckgroup.com.au



Merck has been operating in Australia, supporting the people of both Australia and New Zealand, since 1967. We draw upon more than 350 years of scientific expertise, dating back to our company's founding in Germany in 1668. We place our trust in the

talent and passion of over 60,300 employees across 66 countries. Our Australian team comprising more than 250 curious minds, is based in Macquarie Park, New South Wales and Bayswater in Victoria.

Our healthcare products has a history of serving the paediatric endocrinologists and their patients. Merck's enduring presence reflects our ongoing dedication to improving patient outcomes. We are eager to further our commitment and broadening our partnership with endocrinologists and for patients with adult-onset growth hormone deficiency.

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discovery, development, and manufacturing of medicines. Our diversified global health care portfolio includes human biologic and small molecule medicines and vaccines.

EXHIBITORS

Australian Addison's Disease Association Inc

www.addisons.org.au

info@addisons.org.au



The Australian Addison's Disease Association Inc. provides a valuable resource on Addison's disease/adrenal insufficiency to the medical community, patients and carers. As a non-profit organisation with over 350 members, the Association strives to improve outcomes for people with this rare condition by providing up-to-date information and ongoing support.

Australian Thyroid Foundation Ltd

www.thyroidfoundation.org.au



The Australian Thyroid Foundation (ATF) provides support, information, education and advocacy for thyroid patients and their families.

As well over 1 million Australians are living with an undiagnosed thyroid disorder, the ATF promotes awareness throughout the community about the benefits of good thyroid health and the importance of iodine supplementation.

Besins Healthcare

www.besins-healthcare.com.au



Besins Healthcare is a world leader in novel therapies for gynaecology, andrology, and obstetric care having discovered ground-breaking technologies to improve patient well-being throughout our history.

Besins Healthcare has developed a variety of TGA approved treatments in women's health, with a special focus on body identical hormone therapies.

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If you would like to know more about Besins Healthcare please visit besins-healthcare.com.au, or contact us by email australia@besins-healthcare.com.au.

Bioscientifica

www.bioscientifica.com



bioscientifica

Bioscientifica, in collaboration with leading biomedical societies, publishes high-impact subscription and open-access journals in the fields of endocrinology, reproductive sciences, and beyond. Owned by the Society for Endocrinology, Bioscientifica redistributes its profits from publication back to the Society, helping advance scientific and clinical education, together with research in endocrinology.

Echolight

www.echolight.com.au



Echolight is European ultrasound technology that is TGA-approved to accurately measure bone mineral density (BMD) using patented Radiofrequency-Echographic-Multi-Spectrometry (REMS). Echolight is both a screening &/or diagnostic tool to determine BMD, T-Score, Z-score, and diagnose normal BMD/osteopenia/osteoporosis. Echolight also has a unique measure of bone fragility (bone strength indicator) and when combined with BMD, provides a fracture risk calculation.

Healius Pathology

www.healius.com.au/patient-services/pathology/



One of Australia's leading healthcare companies, Healius is synonymous with quality, affordable and accessible healthcare for all Australians. It has an expansive network of pathology laboratories, collection centres and diagnostic imaging centres. Through this footprint and its 10,500+ people, Healius provides specialty diagnostic services to consumers and their referring practitioners.

Healius provides quality healthcare services that are easily accessible and cost efficient, while supporting the coordination and continuity of quality patient care.

Insulet /Omnipod

www.omnipod.com/en-au/hcp



The Makers of the Omnipod® Insulin Management System

Insulet Corporation (NASDAQ: PDD), headquartered in Massachusetts, is an innovative medical device company dedicated to making the lives of people with diabetes and other conditions easier through the use of its Omnipod product platform. Focusing on simplicity, the Pod is a tubeless, waterproof insulin pump delivering non-stop insulin.

Lawley Pharmaceuticals Pty Ltd

www.lawleypharm.com.au

info@lawleypharm.com.au



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HOSTING SOCIETIES

Endocrine Society of Australia (ESA)

www.endocrinesociety.org.au



ESA is a national non-profit organisation of medical specialists, researchers, and trainees, who work towards the prevention of, and optimal treatment for, endocrine and related medical conditions. ESA is a specialist society of the Royal Australasian College of Physicians (RACP). The society was founded in 1958. It currently has over 1000 members, including recognised national and international experts who have made significant scientific and clinical discoveries. Members belong to medical and academic organisations across Australia, and are leaders within the RACP, hospital clinics, universities, faculties of

medicine, medical institutes and Fellows of the Australian Academy of Science. Our member's expert opinion is sought by Government to inform national health policy.

Endocrine Nurses' Society of Australasia (ENSA)

www.ensa.org.au



Endocrine Nurses' Society
of Australasia Inc.

ENSA is an organisation which provides a forum for continuing education and professional development of nurses working in the field of endocrinology. The Society promotes collaboration between health professionals and is committed to the advancement of the art

and science of endocrine nursing as a speciality field.

Society for Reproductive Biology (SRB)

www.srb.org.au



The Society for Reproductive Biology is a not-for-profit organisation that fosters and promotes basic and applied research in all aspects of reproductive biology. The goals of the membership include, improving human health, contraceptive development, the diagnosis and treatment of the full spectrum of reproductive disease, improved agriculture productivity and conservation biology. We welcome members whose research intersects with any aspect of reproduction and fertility. The society was

established in 1968 and today comprises almost 400 members. Our members include research scientists, under-graduate and graduate students, clinical scientists, a range of physicians, veterinarians, conservation biologists, a wide range of academics and agricultural researchers.

Anne Sofie Weekes Hald and her daughters
Anne Sofie is living with type 1 diabetes

19
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for generations

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