

# AE-PCOS

ANDROGEN EXCESS & PCOS SOCIETY

**22<sup>nd</sup> ANNUAL MEETING OF THE  
ANDROGEN EXCESS & PCOS SOCIETY**

QUEENSTOWN, NEW ZEALAND

7 - 9 NOVEMBER 2024



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**DAY 1: THURSDAY, 7 NOVEMBER 2024**

<b>Time</b>	<b>Event</b>	
12:00 - 1:30 pm	<b>Early Career Event – Meet and Greet</b> Observatory Restaurant, The Millennium Hotel	
2:00 - 3:30 pm	<b>Registration</b>	
3:30 - 3:45 pm	<b>Welcome</b>  <b>Mihi whakatau (greeting / welcome)</b>	<b>Prof. Joop Laven</b> Erasmus MC, The Netherlands President of the AEPPOS Society  <b>Dr. Anju Joham</b> Monash University, Australia Program Chair of the Annual Meeting Committee
<b>SESSION 1: PSYCHOLOGICAL AND PSYCHOSOCIAL FEATURES</b> Chairs: Prof. Rebecca Campbell & Dr. Snigdha Alur-Gupta		
3:45 - 4:10 pm	Mood, anxiety and cognition in PCOS	<b>A/Prof. Katie Douglas</b> University of Otago, New Zealand
4:10 - 4:35 pm	Quality of life and mental health screening in PCOS	<b>Dr. Melanie Gibson</b> Victoria University of Wellington, New Zealand
4:35 - 4:45 pm	Discussion	
<b>ORAL PRESENTATIONS</b>		
4:45 - 5:00 pm	Women with PCOS are at risk of emotional and uncontrolled eating at late fertile age: a population-based cohort study	<b>Emilia Pesonen</b> University of Oulu and Oulu University Hospital, Finland
5:00 - 5:15 pm	Sexual response in women with polycystic ovary syndrome	<b>Hester Pastoor</b> Erasmus University Medical Center, The Netherlands
5:15 - 5:30 pm	Translating evidence into practice in primary care management of adolescents and women with polycystic ovary syndrome: a mixed-methods study	<b>A/Prof. Carolyn Ee</b> Western Sydney University, Australia
5:30 - 7:30 pm	<b>Welcome reception</b>	

**DAY 2, FRIDAY 8 NOVEMBER 2024**

**SESSION 2: OBESITY AND ADIPOSE TISSUE FUNCTION**

Chairs: Prof. Anuja Dokras & Dr. Maria Forslund

<b>Time</b>	<b>Event</b>	
9:00 - 09:40 am	<b>Ricardo Azziz Distinguished Researcher Award</b> (including 10 minute question time)	<b>Prof. Elisabet Stener-Victorin</b> Karolinska Institutet, Sweden
9:40 - 10:05 am	Skeletal muscle dysregulation in women with PCOS	<b>A/Prof. Anna Benrick</b> University of Gothenburg, Sweden
<b>ORAL PRESENTATIONS</b>		
10:05 - 10:20 am	Effect of topiramate added to metformin on obesity control in women with polycystic ovary syndrome: a double-blind, randomized, placebo-controlled study.	<b>Lucas Marchesan</b> Hospital de Clinicas de Porto Alegre, Brazil
10:20 - 10:35 am	Differential effects of letrozole dosage for sustaining PCOS phenotype in mice: a precursor to spironolactone efficacy studies	<b>Kennedy Stevenson</b> University of Otago, New Zealand
10:35 - 10:50 am	'Is more better?' More eggs retrieved and a higher FSH stimulation dose resulted in more top-grade embryos in PCOS women with high AMH levels	<b>Dr. Robert Lahoud</b> IVF Australia, Greenwich, Australia
10:50 - 11:30 am	<b>COFFEE BREAK</b>	
<b>SESSION 3: EARLY INVESTIGATOR AWARDS</b>		
Chair: Prof. Elisabet Stener-Victorin		
11:30 - 11:45 pm	<b>Azziz-Baumgartner Family Early Career Investigator Award</b> PCOS endometrium-derived epithelial organoids as a novel model to study endometrial dysfunction.	<b>Lena Luyckx</b> Oulu University Hospital, Finland
11:45 - 12:00 pm	<b>Azziz-Baumgartner Family Early Career Investigator Award</b> Women with polycystic ovary syndrome (PCOS) residing in the US are at a greater risk of atherosclerotic cardiovascular disease events compared to those without PCOS	<b>Dr. Snigdha Alur-Gupta</b> University of Rochester, Rochester, NY, USA

12:00 - 2:00 pm	<b>LUNCH</b>	
1:00 - 2:00 pm	<b>ECR NETWORKING SESSION</b>	
<b>SESSION 4: WEIGHT MANAGEMENT</b> Chairs: Prof. Selma Witchell & Dr. Kate Rassie		
2:00 - 2:25 pm	Lifestyle management in polycystic ovary syndrome – beyond diet and physical activity	<b>A/Prof. Lisa Moran</b> Monash University, Australia
2:25 - 2:50 pm	Targeting kisspeptin and AgRP neurons to treat PCOS symptoms in mouse models	<b>Prof. Greg Anderson</b> University of Otago, New Zealand
2:50 - 3:00 pm	Discussion	
<b>ORAL PRESENTATIONS</b>		
3:00 - 3:15 pm	Dietary and/or physical activity interventions prior to fertility treatment to improve live birth rate – does PCOS matter? An individual participant data meta-analysis (Venus-IPD)	<b>Dr. Rui Wang</b> University of Sydney, Australia
3:15 - 3:30 pm	Short-term oral Semaglutide improves glucose-stimulated insulin dynamics in adolescent females with obesity and PCOS	<b>A/Prof. Melanie Cree</b> Children's Hospital Colorado, University of Colorado Anschutz Medical Campus, U.S.A.
3:30 - 3:45 pm	Hepatic steatosis and stiffness in adolescents with obesity with or without polycystic ovary syndrome (PCOS): Relationship to androgenemia, inflammation, insulin sensitivity, and beta cell function	<b>Dr. Silva Arslanian</b> UPMC Children's Hospital of Pittsburgh, U.S.A.
3:45 - 5:30 pm	<b>COFFEE BREAK POSTER SESSION</b>	
6:40 - 11:00 pm	<b>CONFERENCE DINNER</b> <b>Walter Peak Gourmet BBQ dinner and lake cruise</b> <b><u>Meet at departure location at 6:40pm – please be on time</u></b> <b>RealNZ Visitor Centre on Steamer Wharf,</b> <b>88 Beach Street, Queenstown</b> <b>Boarding TSS Earnslaw at 6:45pm</b> (walking distance from the Millennium, 15 minute walk)	

DAY 3, SATURDAY, 9 NOVEMBER 2024		
Time	Event	
<b>EARLY CAREER SESSION</b>		
8:00 - 9:00 am	Early career session – mentoring session <i>Early career attendees</i>	<b>Prof. Elisabet Stener-Victorin</b> Karolinska Institutet, Sweden  <b>Prof. Helena Teede</b> Monash University, Australia
<b>SESSION 5: SOCIETY UPDATE &amp; DIABETES</b> Chairs: Prof. Terhi Piltonen & Dr. Jillian Tay		
9:00 - 09:10 am	<b>AE-PCOS SOCIETY UPDATE</b> <b>Award presentations</b> <b>Poster awards</b>	<b>Prof. Anuja Dokras</b> University of Pennsylvania, U.S.A.
9:10 - 09:35 am	Diabetes and PCOS	<b>Prof. Ronald Ma</b> The Chinese University of Hong Kong, China
9:35 - 10:00 am	TGF $\beta$ signalling links the genetic and fetal origins of a predisposition to polycystic ovary syndrome	<b>Prof. Raymond Rodgers</b> University of Adelaide, Australia
10:00 - 10:10 am	Discussion	
10:10 - 10:45 am	<b>COFFEE BREAK</b>	
<b>ORAL PRESENTATIONS</b>		
10:45 - 11:00am	Halt hormonal havoc: curbing the reproductive axis to manage PCOS in a mouse model	<b>Zsaleya Sword-Tua</b> University of Otago, Dunedin, New Zealand
11:00 - 11:15 am	Sex-specific changes in placental steroidogenesis in a prenatal androgenised mouse model of PCOS	<b>Dr. Kelly Glendining</b> University of Otago - Ōtākou Whakaihu Waka, Dunedin, New Zealand
11:15 - 11:30 am	Prenatal androgen-induced reproductive dysfunction does not require androgen receptor expression in neurons	<b>Emily Lott</b> University of Otago, Dunedin, New Zealand
<b>SESSION 6: AWARD LECTURE</b> Chair: Prof. Joop Laven		
11:30 - 12:10 pm	<b>Walter Futterweit Award in Clinical Research</b> (including 10 minute question time)	<b>Prof. Anuja Dokras</b> University of Pennsylvania, U.S.A.

12:10 - 1:15 pm	<b>LUNCH</b>	
1:15 - 2:00 pm	<b>PATIENT ADVOCACY AND SUPPORT PANEL</b> Chairs: Prof. Kathy Hoeger & Prof. Helena Teede  <i>Supported by the Waterloo Foundation</i>	
<b>SESSION 7: CARDIOVASCULAR HEALTH</b> Chairs: Dr. Madhuri Patil & Dr. Noel Ng		
2:00 - 2:40 pm	Debate  Increased cardiovascular disease in PCOS  <i>For</i> – Prof. Terhi Piltonen <i>Against</i> – Prof. Joop Laven	<b>Prof. Terhi Piltonen</b> Oulu University Hospital, Finland  <b>Prof. Joop Laven</b> Erasmus MC, University Medical Center Rotterdam, The Netherlands
<b>ORAL PRESENTATIONS</b>		
2:40 - 2:55 pm	Natural history and progression of cardiometabolic risk, atherosclerotic cardiovascular disease and cardiac function in young women with and without polycystic ovary syndrome	<b>Dr. Donna Vine</b> University of Alberta, Canada
2:55 - 3:10 pm	The intergenerational effect of maternal PCOS on the reproductive and cardiometabolic traits of 18-year-old offspring	<b>Atta Yi Tak Tsang</b> The Chinese University of Hong Kong, P.R.China
3:10 - 3:25 pm	Metabolic coupling between oocyte and granulosa cells: nexus unravelled in women with PCOS	<b>Aalaap Naigaonkar</b> ICMR - National Institute For Research in Reproductive and Child Health, Mumbai, India
3:25 - 3:40 pm	Baseline characteristics in the PCOS phenotype in unselected populations (P-PUP) study cohorts	<b>Asmamaw Bizuneh</b> Monash University, Australia
3:40 - 3:50 pm	Word from the President	<b>Prof. Joop Laven</b> Erasmus MC, University Medical Center Rotterdam, The Netherlands
3:50 - 4:00 pm	<b>AE-PCOS ANNUAL MEETING 2024 MEETING WRAP UP</b>	<b>Dr. Anju Joham</b> Monash University, Australia Program Chair of the Annual Meeting Committee