

# AE-PCOS

ANDROGEN EXCESS & PCOS SOCIETY

## Update Meeting PCOS and the Brain

June 10, 2022  
Atlanta, GA  
Final Programme



June 10, 2022 8:00 a.m.- 5:00 pm EST		
Time	Speaker	Topic
8:00 – 8:30 am <b>REGISTRATION</b>		
8:30 – 8:40 am	<b>Kathy Hoeger Paolo Giacobini / Joop Laven</b>	Welcome and Overview: Update Meeting 2022
<b>Session I:</b>		
8:40-10:00 am	<b>Chairs: Kathy Hoeger and Joop Laven</b>	<b>Basic research into brain development in PCOS</b>
8:40-9:05 am	Whaljit Dhillon (United Kingdom)	Neurokinine B and the PCOS brain
9:05-9:30 am	Paolo Giacobini (France)	AMH and the PCOS brain
9:30-9:55 am	Rebecca Campbell (New Zealand)	GABA and the PCOS brain
10:00 10:30 am <b>COFFE BREAK</b>		
<b>Session II:</b>		
10:30–11:18 am	<b>Chairs: Paolo Giacobini and Ricardo Azziz</b>	<b>Oral Presentations I (from ENDO 2022 abstracts)</b>
10:30-10:42 am	Alexandra Huffman	Contribution of Hyperandrogenemia to Dysbiosis, Gut Inflammation, and Dysregulation of Short-Chain Fatty Acid Homeostasis in Mouse Model of Polycystic Ovary Syndrome
10:42-10:54 am	Adam Bonner	Direct Costs of Mental Health Disorders in PCOS: Systematic Review and Meta-Analysis
11:54-11:06 am	Ky'Era Actkins	Metabolic Disorders Genetically Modify Polycystic Ovary Syndrome through its Candidate Hormones
11:06-11:18 am	Christine Burt Solorzano	Obesity is Associated with Adolescent Hyperandrogenemia in Girls Aged 6-18, National Health and Nutrition Examination Survey (NHANES) 2013-2016

<b>Session III:</b>		
11:18-12:30 pm	<b>Chairs: Rebecca Campbell and Tania Burgert</b>	<b>Abnormal brain function in women with PCOS (I)</b>
11:20-11:45 am	Christopher McCartney (USA)	GnRH pulse frequency in PCOS
11:45-12:10 pm	Joop Laven (The Netherlands)	Androgens and the PCOS brain
12:10-12:35 pm	Sarah Berga (USA)	$\beta$ -endorphins and insulin and the PCOS brain
12:35-1:35 pm <b>LUNCH BREAK</b>		
<b>Session IV</b>		
1:40-2:28 pm	<b>Chairs: Anju Joham and Poli Mara Spritzer</b>	<b>Oral Presentations II (from ENDO 2022 abstracts)</b>
1:40-1:52 pm	Ricardo Azziz	Alterations in Nonesterified Free Fatty Acids (NEFA) Trafficking Rather Than Hyperandrogenism Contribute to Variations in Insulin Sensitivity Among Obese Women with Polycystic Ovary Syndrome
1:52-2:04 pm	Alexis Oldfield	Women with obesity display defects in follicular recruitment, selection, and dominance alongside luteal phase dysfunction during natural ovulatory cycles
2:04-2:16 pm	Kotaro Sasaki	The developmental origin and the specification of the adrenal cortex in humans and cynomolgus monkeys”
2:16-2:28 pm	Samar Rezaq	MicroRNA-21 Ablation Exacerbates Androgen-Mediated White Adipose Tissue Dysfunction and Impaired Insulin Signaling in a Mouse Model of Polycystic Ovary Syndrome
<b>Session V:</b>		
2:28-3:45 pm	<b>Chairs: Anju Joham and Poli Mara Spritzer</b>	<b>Abnormal brain function in women with PCOS (II)</b>
2:30-2:55 pm	Bulent Yildiz (Turkey)	Abnormal brain structure in PCOS

2:55-3:20 pm	Geranne Jiskoot (The Netherlands)	Disordered Eating in PCOS
3:20-3:45 pm	Anuja Dokras (USA)	Emotional disorders and PCOS
3:55-4:25 pm	<b>COFFE BREAK</b>	
<b>Session VI</b>		
4:25 -5:00 pm	<b>Chair: Paolo Giacobini</b>	<b>Debate: PCOS is a Brain Disease</b>
4:25-4:32 pm	Ricardo Azziz (USA)	Will speak AGAINST the motion for: PCOS is a Brain disease
4:32-4:39 pm	Joop Laven (The Netherlands)	Will speak IN SUPPORT OF the motion for: PCOS is a Brain disease
4:39-4:55 pm		Debate, General Discussion and Possible Motion
4:55 – 5:00 pm	<b>Kathleen Hoeger</b> University of Rochester, Rochester, NY, USA	<b>Highlight 2022 AE-PCOS Annual Meeting</b>