



UPDATE MEETING

Understanding the underpinnings of the pathophysiology of PCOS

San Francisco, CA, USA
March 27th, 2020



Moscone Convention Centre,
San Francisco, CA, USA

Time	Speaker	Topic
8:00 - 9:30 am	Registration	
8:30 - 8.40 am	<p>Kathleen Hoeger <i>University of Rochester, Rochester, NY, USA</i></p> <p>Kirsty Walters <i>School of Women's & Children's Health, University of New South Wales, Sydney, Australia</i></p>	Welcome to: AEPPOS Update Meeting 2020
8:40 - 9:30 am	<p>Chair: Elisabet Stener Victorin <i>Karolinska University, Stockholm, Sweden</i></p> <p>Kirsty Walters <i>School of Women's & Children's Health, University of New South Wales, Sydney, Australia</i></p>	<p>Session I</p> <p>Evidence supporting a role for androgen excess in the etiology of PCOS</p>
8:40 - 9.05 am	<p>Varykina Thackray <i>University of California, San Diego, USA</i></p>	Androgen exposure during puberty versus adulthood resulted in distinct PCOS phenotypes
9:05 - 9:30 am	<p>Donna Vine <i>University of Alberta, Calgary, Canada</i></p>	The role of androgens, estrogen, and insulin signalling pathways in the development of cardiometabolic risk in PCOS
9:30 – 10:30 am	<p>Rebecca Campbell <i>University of Otago, New Zealand</i></p> <p>Vasanth Padmanabhan <i>University of Michigan, Ann Arbor, MI, USA</i></p>	<p>Session II</p> <p>Oral Presentations I Basic Scientific Research</p>

9:30 - 9:45 am	Haojiang Lu <i>Karolinska Institutet, Stockholm, Sweden</i>	Does Androgen Exposure Result in Germline Transmission of PCOS-Like Phenotypes and Can It Be Reversed?
9:45 – 10:00 am	Karen Leung <i>University of California at Los Angeles, Los Angeles, CA, USA</i>	Transcriptional Changes in Lipid Metabolism of Adipocytes Derived from Subcutaneous Abdominal Adipose Stem Cells of Normal-Weight Polycystic Ovary Syndrome Women
10:00 - 10:15 am	Anna Benrick <i>University of Gothenburg and University of Skovde, Gothenburg, Sweden</i>	Maternal Adiponectin Prevents Against Metabolic Dysfunction in Prenatally Androgenized PCOS-Like Mice
10:15 – 10:30 am	Cadence True <i>Oregon National Primate Research Center, Beaverton, OR, USA</i>	The Impact of Hyperandrogenemia and Western-Style Diet on Post-Pregnancy Metabolism in Nonhuman Primates.
10:30 - 11:00 am	MORNING COFFEE BREAK	
11:00 - 1:00 pm	Chairs: Kathleen Hoeger <i>University of Rochester, Rochester, NY, USA</i> Helena Teede <i>Monash University, Clayton, Australia</i>	Session III Evidence implicating insulin resistance in PCOS pathogenesis
11:00 - 11:25 am	Melanie Cree-Green <i>Children's Hospital Colorado, Aurora, CO, USA</i>	The role of insulin resistance in PCOS in adolescents
11:25 - 11:50 pm	Alba Moreno-Asso <i>Victoria University, Melbourne, Australia</i>	Unravelling the molecular mechanisms of insulin resistance in PCOS

11:50 - 12:15 pm	<p>Andrea Dunaif <i>Icahn School of Medicine and Mount Sinai Health System, New York, NY, USA</i></p>	Breaking the vicious cycle: genomics begins to identify causal pathways in PCOS
12:15 - 1:00 pm	<p>Chairs: Tania Burgert <i>Children's Mercy Hospital, Kansas City, MO, USA</i></p> <p>Selma Witchel <i>University of Pittsburgh, Pittsburgh, USA</i></p>	<p>Session IV Oral presentations II Translational Scientific Research</p>
12:15 - 12:30 pm	<p>Chau Thien Tay <i>Monash Centre for Health Research and Implementation, Clayton, Australia</i></p>	Diagnostic Criteria for Polycystic Ovary Syndrome in Adolescents: Impact on Prevalence and Longitudinal Body Mass Index Trajectories
12:30 - 12:45 pm	<p>David Abbott <i>University of Wisconsin and Wisconsin National Primate Research Centre, WI, USA</i></p>	Emergence of Ovarian Hyperandrogenism and Luteal Insufficiency Following ESR1 Knockdown in the Mediobasal Hypothalamus of Adult Female Rhesus Monkeys
12:45 - 1:00 pm	<p>Rachel Eclow Adrenas Therapeutics</p>	Durable CYP21A2 Gene Therapy in Non-Human Primates for Treatment of Congenital Adrenal Hyperplasia
1:00 - 2:00 pm	LUNCH BREAK	
2:00 - 3.15 pm	<p>Chairs: Enrico Carmina <i>University of Palermo, Palermo, Italy</i></p> <p>Marla Lujan <i>Cornell University, Ithaca, NY, USA</i></p>	<p>Session V Does AMH have a role in the origins of PCOS?</p>
2:00 - 2.25 pm	<p>Paolo Giacobini <i>University of Lille, Lille, France</i></p>	Excess prenatal AMH exposure and the origins of PCOS

2:25 - 2:50 pm	<p>Marie Wissing <i>Aleris-Hamlet Hospital, Copenhagen, Denmark</i></p>	Association of AMH isoforms and PCOS characteristics
2.50 - 3.15 pm	<p>Bulent Yildiz <i>Hacettepe University School of Medicine, Ankara, Turkey</i></p>	Anti-Müllerian hormone: Can it be used as a diagnostic tool for PCOS in unselected and referral populations?
3:15 - 4:00 pm	<p>Chairs: Sharon Oberfield <i>Columbia University, New York, NY, USA</i></p> <p>Poli Mara Spritzer <i>University of Rio Grande do Sul, Porto Alegre, Brazil</i></p>	<p>Session VI Oral presentations III Clinical Scientific Research</p>
3:15 - 3:30 pm	<p>Christine Burt Solorzano <i>University of Virginia, Charlottesville, VA, USA</i></p>	11-oxygenated C19 Steroids in Normal Weight, Overweight, and Hyperandrogenic Girls
3:30 - 3:45 pm	<p>Smita Jha <i>National Institutes of Health Bethesda, MD, USA</i></p>	Discordant Serum 17-hydroxyprogesterone and Androstenedione in the Management of Congenital Adrenal Hyperplasia: Are 11-oxygenated Androgens Useful?
3:45 - 4:00 pm	<p>Maryam Kazemi <i>Cornell University, Ithaca, NY, USA</i></p>	Osteosarcopenia in Reproductive-Aged Women with Polycystic Ovary Syndrome: A Multicenter Case-Control Study
4:00 - 4:30pm	AFTERNOON COFFEE BREAK	
4:30 - 5:20 pm	<p>Chairs: Anuja Dokras <i>University of Pennsylvania Philadelphia, PA, USA</i></p> <p>Daniel Dumesic <i>University of California at Los Angeles, Los Angeles, CA, USA</i></p>	<p>Session VII DEBATE Hyperandrogenism is the major pathological mechanism underpinning the development of PCOS</p>

4:30 - 4:40 pm	<p>Terhi Piltonen <i>University of Oulu, Oulu, Finland</i></p>	<p>Will speak in SUPPORT of the motion: The development of PCOS is driven by hyperandrogenism</p>
4:40 - 4:50 pm	<p>Richard Legro <i>Penn State College of Medicine and Penn State Health, Hershey, PA, USA</i></p>	<p>Will speak AGAINST the motion and for: The development of PCOS is driven by insulin resistance and/or excess levels of AMH</p>
4:50 - 5:20 pm	<p>Debate</p>	<p>GENERAL DISCUSSION AND POSSIBLE MOTION</p>
5:20 - 5:30 pm	<p>Enrico Carmina <i>Executive Director AEPPOS Society</i></p>	<p>HIGHLIGHT 2020 AEPPOS ANNUAL MEETING Miami, FL, USA November 7-9, 2020</p>