

# AE-PCOS

ANDROGEN EXCESS & PCOS SOCIETY

20<sup>th</sup> ANNUAL MEETING OF THE ANDROGEN EXCESS & PCOS SOCIETY

OCTOBER 20-22, 2022



October 20th, 2022		
Time	Event	
4:00-6:30 pm	<b>REGISTRATION</b>	<i>Outside the Delicia Room</i>
5:00-6:00 pm	<b>MEET THE PROFESSOR DISCUSSION: REFLECTIONS AND DIRECTIONS MODERATOR: KATHY HOEGER</b>	<i>Sonia Room</i>
5:00-6:00 pm	<p><b>STEPHEN FRANKS</b> <i>Department of Obstetrics and Gynecology, Imperial College, London, United Kingdom</i></p> <p><b>HECTOR ESCOBAR-MORREALE</b> <i>Hospital Universitario Ramón y Cajal, Universidad de Alcalá, CIBERDEM, IRYCIS, Madrid, Spain</i></p> <p><b>MARCELLE CEDARS</b> <i>UC San Francisco, San Francisco, CA, USA</i></p>	<p><i>The most significant research findings of the past 20 years.</i></p> <p><i>The big questions that remain unsolved and need our attention most</i></p>
6:00-8:00 pm	<b>WELCOME RECEPTION</b>	<i>Poolside</i>

October 21st, 2022		
Time	Event	
8:00-10:00 am	<b>REGISTRATION</b>	<i>Delicia Room</i>
8:30-8:40 am	<b>KATHLEEN HOEGER</b> <i>University of Rochester, Rochester, NY, USA</i> <i>President of the AEPCOS Society</i>  <b>REBECCA CAMPBELL</b> <i>University of Otago, New Zealand</i> <i>Chair of the Annual Meeting Committee</i>	WELCOME
<b>SESSION 1: AE-PCOS SOCIETY: LOOKING BACK AND LOOKING FORWARD</b> Chairs: KATHY HOEGER & JOOP LAVEN		<i>Delicia Room</i>
8:40- 8:55 am	<b>RICHARD LEGRO</b> <i>Department of Obstetrics and Gynecology</i> <i>Pennsylvania State University School of Medicine,</i> <i>Hershey, PA, USA</i>	TBA
8:55- 9:10 am	<b>DANIEL DUMESIC</b> <i>University of California at Los Angeles, Los Angeles, CA, USA</i>	TBA
9:10-9:25 am	<b>HELENA TEEDE</b> <i>Monash Centre for Health Research and Implementation, Monash University, Melbourne, Australia</i>	TBA
9:25- 9:40 am	<b>ELISABET STENER-VICTORIN</b> <i>Department of Physiology &amp; Pharmacology, Karolinska Institutet, Sweden</i>	TBA
9:40-10:10 am	<b>PANEL DISCUSSION</b>	
10:10-10:30 am	<b>COFFEE BREAK</b>	
<b>SESSION 2: METABOLIC SYNDROME AND PCOS</b> Chair: ELISABET STENER-VICTORIN		<i>Delicia Room</i>
10:30-10:55 am	<b>WIEBKE ARTL</b> <i>Institute of Metabolism and Systems Research,</i>	ROLE OF ANDROGENS IN ADIPOSE TISSUE

	<i>University of Birmingham, Birmingham, UK</i>	
10:55-11:20 am	<b>ANNA BENRICK</b> <i>Department of Physiology, University of Gothenburg, Gothenburg, Sweden</i>	PROTEOMIC ANALYSIS OF SKELETAL MUSCLE AND ADIPOSE TISSUE FROM WOMEN WITH PCOS
11:20- 11:45 pm	<b>MELANIE CREE-GREEN</b> <i>University of Colorado Anschutz Medical Campus, Aurora, Colorado, USA</i>	MANAGEMENT OF TYPE 1 AND TYPE 2 DIABETES WITH PCOS
11:45- 12:00 pm	<b>PANEL DISCUSSION</b>	
12:00-12:30 pm	<b>LUNCH</b>	<b>Boxed lunch pickup</b>
12:30-1:15 pm	<b>PATIENT ADVOCACY AND SUPPORT PANEL</b> Moderator: <b>TERHI PILTONEN</b> Letisha Bates (PCOS Challenge) Caroline Andrews (Verity) Rikkka Uljas-Bärman (Korento)	<i>Delicia Room</i>
<b>SESSION 3: TIMELY TOPICS IN PCOS</b> Chair: TANIA BURGERT		<i>Delicia Room</i>
1:15- 1:35 pm	<b>ANDREA DUNAIF</b> <i>Icahn School of Medicine and Mount Sinai Health System, New York, NY, USA</i>	DISTINCT GENETIC ARCHITECTURES OF PCOS SUBTYPES
1:35- 1:55 pm	<b>SNIGDHA ALUR-GUPTA</b> <i>University of Rochester, Rochester, NY, USA</i>	RISK OF SARS-COV-2 INFECTION AND PCOS
1:55- 2:15 pm	<b>JIA ZHU</b> <i>Harvard Medical School, Boston, MA 02115, USA</i>	PCOS GENETIC RISK SCORES AND MEN
2:15- 2:25 pm	<b>PANEL DISCUSSION</b>	
<b>SESSION 4: AZZIZ-BAUMGARTNER FAMILY EARLY CAREER INVESTIGATORS AWARDS</b> Chair: RICARDO AZZIZ		<i>Delicia Room</i>
2:25- 2:40 pm	<b>HEIDI VANDEN BRINK</b> <i>Texas A&amp;M University, College Station, TX, USA</i>	REPRODUCTIVE FEATURES CAPTURED WITHIN THE FIRST GYNECOLOGICAL YEAR PREDICT PERSISTENT MENSTRUAL IRREGULARITY AT TWO YEARS POST-MENARCHE

2:40- 2:55 pm	Ng Noel YH (1), Cheung Lai Ping (2), Ng Karen (2), Tsang Atta YT (1), Wang Chi Chiu (2), Chung Jacqueline PW (2), Chan Michael HM (3), Chan Juliana CN (1,4,5), Luk Andrea OY (1,4,5), Tam Wing Hung (2), Ma Ronald CW (1,4,5)	SEXUAL DIMORPHISM IN CARDIOMETABOLIC RISK IN OFFSPRING OF MOTHERS WITH PCOS
3:00- 4:00 pm	<b>A SPECIAL RECOGNITION PRESENTED BY ANDREA DUNAIF ON BEHALF OF THE AE-PCOS SOCIETY HONORING LOUIS DE PAOLO</b>	<i>Delicia Room</i>
3:00- 3:15 pm	<b>JEFF CHANG</b> <i>UC San Diego Health, San Diego, CA, USA</i>	CLINICAL REPRODUCTIVE SCIENCE
3:15- 3:30 pm	<b>RICK LEGRO</b> <i>Department of Obstetrics and Gynecology Pennsylvania State University School of Medicine, Hershey, PA, USA</i>	CLINICAL TRIALS IN REPRODUCTIVE SCIENCE
3:30-3:45 pm	<b>VASANTHA PADMANABHAN</b> <i>University of Michigan, Ann Arbor, MI, USA</i>	BASIC REPRODUCTIVE SCIENCE
3:45- 4:00 pm	<b>ANDREA DUNAIF</b> <i>Icahn School of Medicine and Mount Sinai Health System, New York, NY, USA</i>	GENETIC ANALYSES OF PCOS
4:00 pm	<b>COFFEE BREAK</b>	
4:15- 6:00 pm	<b>POSTER SESSION</b>	<i>Gloriana Room</i>
7:00 pm	<b>CONFERENCE DINNER</b>	
		<i>Rooftop</i>

October 22st, 2022		
<b>SESSION 5: PCOS IMPACTS OVER THE LIFESPAN</b> Chair: POLI MARA SPRITZER		<i>Delicia Room</i>
8:30- 8:55 am	<b>ANJU JOHAM</b> <i>Monash Centre for Health Research and Implementation, Monash University, Clayton, Australia</i>	NATURAL HISTORY OF PCOS
9:45-10:10 am	<b>FERNANDO MARCOS DOS REIS</b> <i>Universidade Federal de Minas Gerais, Belo Horizonte, Minas Gerais, Brazil</i>	IVF AND PCOS
8:55- 9:20 am	<b>EVANGELIA ELENIS</b> <i>Uppsala University, Uppsala, Sweden</i>	PCOS AND ADHD
9:20-9:45 am	<b>TERHI PILTONEN</b> <i>University of Oulu, Oulu, Finland</i>	PCOS OVER THE LIFESPAN
10:10-10:20 am	<b>PANEL DISCUSSION</b>	
<b>10:20-10:40 am</b>	<b>COFFEE BREAK</b>	
<b>SESSION 6: DEBATE: PCOS PHENOTYPES SHOULD BE REDEFINED TO INCLUDE METABOLIC STATUS</b> Chair: JOOP LAVEN		<i>Delicia Room</i>
10:40-10:55 am	<b>HEATHER HUDDLESTON</b> <i>UCSF, USA</i>	AGAINST THE MOTION
10:55- 11:15 am	<b>ANUJA DOKRAS</b> <i>Department of Obstetrics &amp; Gynecology, University of Pennsylvania, USA</i>	FOR THE MOTION
11:15 - 11:30 am	<b>GENERAL DEBATE</b>	
<b>SESSION 7: ORAL PRESENTATIONS – Basic</b> Chair: REBECCA CAMPBELL		<i>Delicia Room</i>

11:30- 11:45 pm	Moolhuijsen LME (1), Day FR (2), Karaderi T (3), Mullin BH (4), Zhu J (5), Pujol-Gualdo N (6), Atkins KV (7), Welt CK (8), Louwers YV (9), Visser JA (1), Laven JSE (9), on behalf of the International PCOS Consortium	IDENTIFICATION OF NOVEL PCOS-RISK ALLELES BY LARGE-SCALE GENOME WIDE META-ANALYSIS PROVIDES NEW INSIGHTS INTO BIOLOGICAL MECHANISMS AND CLINICAL HEALTH OUTCOMES
11:45- 12:00 pm	S. Sims(1)(2), C. Ulianan(1)(2), Z. Bolgarina(1)(2), K. Ievleva(1)(2), A. Gumerova(1)(2), O. Barak(1)(2), F. Korkmaz(1)(2), V. Muradova(1)(2), E. Shelly(1)(2), T.-C. Kuo(1)(2), F. Sultana(1)(2), E. Hadeliya(1)(2), N. Kramskiy(1)(2), S. Miyashita(1)(2), S. Gera(1)(2), V. Ryu(1)(2), S.-M. Kim(1)(2), T. Yuen(1)(2), M. Zaidi(1)(2), D. Lizneva(1)(2) & T. Frolinger(1)(2)	LUTEINIZING HORMONE KNOCKOUT ALLEVIATES ANXIETY IN AGED, BUT NOT IN YOUNG MICE
12:00- 12:15 pm	S. Sims(1)(2), C. Ulianan(1)(2), Z. Bolgarina(1)(2), K. Ievleva(1)(2), A. Gumerova(1)(2), O. Barak(1)(2), F. Korkmaz (1)(2), V. Muradova(1)(2), E. Shelly(1)(2), T.-C. Kuo(1)(2), F. Sultana (1)(2), E. Hadeliya (1)(2), N. Kramskiy(1)(2), S. Miyashita(1)(2), S. Gera (1)(2), V. Ryu (1)(2), S.-M. Kim(1)(2), T. Yuen (1)(2), M Zaidi(1)(2), D Lizneva (1)(2)	LH/CG RECEPTOR ACTIVATION PROTECTS MICE FROM DIET-INDUCED OBESITY
12:15- 12:30 pm	<b>TESS CHERLIN</b> <i>University of Pennsylvania, Philadelphia, PA, USA</i>	CARDIOVASCULAR EVENTS ASSOCIATED WITH PCOS DIAGNOSIS IN LARGE LONGITUDINAL COHORT
12:30- 2:15	<b>LUNCH and EARLY AND MIDCAREER NETWORKING, ENGAGEMENT AND COLLABORATION SESSION (EC-SIG)</b>	<i>Gloriana Room</i>
<b>SESSION 7: ORAL PRESENTATIONS- CLINICAL</b> Chair: TANIA BURGERT		<i>Delicia Room</i>
2:15- 2:30 pm	Piltonen TT (1), Kujanpää L (1), Arffman RK (1), Vaaramo E (1), Rossi H-R (1), Laitinen J (2), Morin-Papunen L (1), Tapanainen JS (3), Ala-Mursula L (1)	WOMEN WITH POLYCYSTIC OVARY SYNDROME (PCOS) HAVE POORER WORK ABILITY AND HIGHER DISABILITY RETIREMENT RATE AT MIDLIFE- A NORTHERN FINLAND BIRTH COHORT 1966 STUDY
2:30- 2:45 pm	Pea J (1), Wilson K (1), Coger K (1), Vanden Brink H (1), Jarrett BY (1), Oldfield AL (1), Hoeger KM (2), Spandorfer SD (3), Pereira N (3), and Lujan ME (1)	3D MARKERS OF OVARIAN MORPHOLOGY OUTPERFORM 2D ULTRASONOGRAPHY AND ANTI-MÜLLERIAN HORMONE IN THE DIAGNOSIS OF PCOS

2:45- 3:00 pm	Bayona A (1,2,3), Nattero-Chávez L (1,2), Fernández-Durán E (1,2), Dorado-Avenidaño B (1), Luque-Ramírez M (1,2,3), Escobar-Morreale HF (1,2,3).	FACTORS INFLUENCING DEVELOPMENT OF PCOS IN PREMENOPAUSAL WOMEN WITH TYPE 1 DIABETES.
3:00- 3:15 pm	Piltonen TT (1), Arffman RK (1), Korhonen E (1), Morin-Papunen LC (1), Franks S (2), Junttila J (3), Ollila MM (1)	COMPARING ROTTERDAM AND NIH CRITERIA: WOMEN WITH PCOS HAVE INCREASED RISK FOR CARDIOVASCULAR DISEASES REGARDLESS OF DIAGNOSTIC CRITERIA USED
3:15- 3:30 pm	Ng Noel YH (1), Wu Hongjiang (1), Lau Eric SH (1), Zhang Xinge (1), Yang Aimin (1,2), Tsang Atta YT (1), Yau Tiffany TL (1), Kong Alice PS (1,2,3), Ng Karen (4), Chung Jacqueline PW (4), Chow Elaine YK (1), Chan Juliana CN (1,2,3), Cheung Lai Ping (4), Luk Andrea OY (1,2,3), Ma Ronald CW (1,2,3)	INCREASED RISK OF DIABETES ACROSS THE REPRODUCTIVE AGE RANGE IN WOMEN WITH PCOS: A TERRITORY-WIDE RETROSPECTIVE ANALYSIS FROM THE HONG KONG DIABETES SURVEILLANCE DATABASE
<b>SESSION 8: AWARD LECTURES</b> Chair: KATHY HOEGER		<i>Delicia Room</i>
3:30- 4:05 pm	<b>BULENT YILDIZ</b> <i>Hacettepe University School of Medicine, Ankara, Turkey</i>	WALTER FUTTERWEIT AWARD IN CLINICAL RESEARCH
4:05- 4:40 pm	<b>VASANTHA PADMANABHAN</b> <i>University of Michigan, Ann Arbor, MI, USA</i>	RICARDO AZZIZ DISTINGUISHED RESEARCHER AWARD
4:40-5:00pm	<b>MEETING WRAP UP AND AE-PCOS SOCIETY UPDATE 2023</b>	