



16TH ANNUAL MEETING OF THE ANDROGEN EXCESS AND PCOS SOCIETY

Stockholm, Sweden
September 23-25, 2018



Biomedicum, Karolinska Institutet, Stockholm, Sweden

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September 23, 2018

Time	Speaker	Topic
12:30 – 1:30 pm	REGISTRATION	
1:30 – 1:40 pm	HELENA TEEDE, MBBS PhD <i>President of AEPCOS Society</i> ANTONI DULEBA, MD <i>Chair of the Annual Meeting Committee</i>	WELCOME
1:40 – 5:00 pm	Chair: ANTONI DULEBA, MD <i>Department of Obstetrics & Gynecology, University of California at San Diego, USA</i>	Session I PCOS: INTERNATIONAL GUIDELINES SYMPOSIA
1:40 – 2:10 pm	HELENA TEEDE, MBBS PhD <i>Monash Centre for Health Research & Implementation, Monash University, Australia</i>	PCOS DIAGNOSIS
2:10 – 2:40 pm	SELMA WITCHEL, MD <i>Department of Pediatrics, Children's Hospital of Pittsburgh of UPMC, USA</i>	DIAGNOSIS OF PCOS IN ADOLESCENTS
2:40 – 3:10 pm	ANUJA DOKRAS, MD PHD <i>Department of Obstetrics & Gynecology, University of Pennsylvania, USA</i>	EMOTIONAL WELLBEING
3:10 – 3:30 pm	Wellness and Coffee Break	
3:30 – 4:00 pm	JAQUELINE BOYLE, MD MPH PhD <i>School of Public & Preventative Medicine, Monash University, Australia</i> ANGELICA LINDEN HIRSCHBERG, MD <i>Department of Women's & Children's Health, Karolinska Institutet, Sweden</i>	LIFESTYLE MANAGMENT AND MODELS OF CARE
4:00 – 4:30 pm	TERHI PILTONEN, MD PhD <i>Department of Obstetrics & Gynecology, Oulu University Hospital, Finland</i>	MEDICAL TREATMENT
4:30 – 5:00 pm	JOOP LAVEN, MD PhD <i>Department of Obstetrics & Gynecology, Erasmus MC, University Medical Center Rotterdam, The Netherlands</i>	INFERTILITY TREATMENT
5:00 – 5:30 pm	Chair: ELISABET STENER-VICTORIN, PhD <i>Department of Physiology & Pharmacology, Karolinska Institutet, Sweden</i>	PRESIDENTIAL LECTURE
	HELENA TEEDE, MBBS PhD <i>President of AEPCOS Society</i>	IMPLEMENTATION OF INTERNATIONAL GUIDELINES

5:30 – 6:00 pm	Chair: ENRICO CARMINA, MD <i>Executive Director & CEO, AEPCOS Society</i>	AZZIZ BAUMGARTNER YOUNG RESEARCHER AWARDS
5:30 – 5:45 pm	GERANNE JISKOOT <i>Department of Reproductive Medicine, Erasmus Medical Center Rotterdam, The Netherlands</i>	EFFECTS ON BODY WEIGHT DURING A 1-YEAR THREE-COMPONENT LIFESTYLE
5:45 – 6:00 pm	MERI MAIJA OLLILA <i>Department of Obstetrics & Gynecology, University of Oulu, Finland</i>	PCOS IS ASSOCIATED WITH HYPERTENSION: A LONGITUDINAL COHORT STUDY
6:00 – 7:30 pm	WELCOME DINNER	

September 24, 2018		
Time	Speaker	Topic
8:00 – 10:00 am	Chair: ALEXIA PENA VARGAS <i>Pediatric Endocrinology, University of Adelaide, Australia</i>	SESSION II PEDIATRIC AND ADOLESCENT PATIENTS WITH PCOS
8:00 – 8:30 am	LOURDES IBANEZ, MD PhD <i>Institut de Recerca Pediatrica, Hospital Sant Joan de Deu, Universitat de Barcelona, Spain</i>	PCOS IN ADOLESCENCE: TOWARD A THERAPY GUIDED BY PATHOPHYSIOLOGY
8:30 – 9:00 am	SILVA ARSLANIAN, MD <i>Division of Pediatric Endocrinology, Diabetes & Metabolism, Children's Hospital of Pittsburgh UPMC, USA</i>	PCOS IN ADOLESCENTS: UPDATE ON METABOLIC, HORMONAL AND CARDIOVASCULAR ALTERATIONS
9:00-9:30 am	SELMA WITCHEL, MD <i>Department of Pediatrics, Children's Hospital of Pittsburgh of UPMC, USA</i>	TREATMENT PERSPECTIVES IN ADOLESCENTS WITH PCOS
9:30 – 10:00 am	SHARON OBERFIELD, MD <i>Division of Pediatric Endocrinology, Diabetes & Metabolism, Columbia University Medical Center, USA</i>	NEW THOUGHTS ON ADRENARCHE
10:00 - 10:30 am	Wellness and Coffee Break	
10:30 – 12:00 pm	Chair: DAVID ABBOTT, PhD <i>Wisconsin National Primate Research Center and Department of Obstetrics & Gynecology, University of Wisconsin, USA</i>	SESSION III BASIC RESEARCH IN PCOS
10:30 – 11:00 am	REBECCA CAMPBELL, PhD <i>Centre for Neuroendocrinology, Endocrinology, University of Otago, New Zealand</i>	A ROLE OF GABA NEURONS IN PCOS
11:00 – 11:30 pm	ALEXANDER KAUFFMAN, PhD <i>Department of Reproductive Medicine, University of California at San Diego, USA</i>	EXAMINATION OF LH SECRETION AND NEURAL GENE EXPRESSION IN A PCOS MOUSE MODEL
11:30 – 12.00 pm	KIRSTY WALTERS, PhD <i>School of Women's & Children's Health, University of New South Wales, Australia</i>	PURSUIT TO DEVELOP MECHANISM-BASED INTERVENTIONS FOR PCOS

12:00 – 12:30 pm	<p><i>Chair: LAURE MORIN PAPUNEN, MD Department of Obstetrics & Gynecology, Oulu University Medical Center, Finland</i></p> <p>STEPHEN FRANKS, M.D. <i>Department of Obstetrics and Gynecology, Imperial College, London, United Kingdom</i></p>	<p>RICARDO AZZIZ DISTINGUISHED CAREER AWARD LECTURE</p> <p>PCOS IN THE POPULATIONS: LESSONS FROM STUDIES OF NORTH FINLAND BIRTH COHORT</p>
12:30 – 1:30 pm	Lunch Break	
1:30 – 2:30 pm	<p><i>Chair: ANGELICA LINDEN HIRSCHBERG Department of Women’s & Children’s Health, Karolinska Institutet, Sweden</i></p>	SESSION IV ORAL PRESENTATIONS 1
1:30 – 1:45 pm	<p>SANJIV RISAL <i>Department of Physiology & Pharmacology, Karolinska Institutet, Sweden</i></p>	<p>PRENATAL DIET-INDUCED OBESITY AND ELEVATED ANDROGENS REPROGRAM THE FETUS AND INCREASE TRANSGENERATIONAL SUSCEPTIBILITY TO PCOS IN ADULT OFFSPRING</p>
1:45 – 2:00 pm	<p>EULALIA COUTINHO <i>Department of Physiology, University of Otago, New Zealand</i></p>	<p>DEFINING THE ROLE OF A METABOLICALLY SENSITIVE NEURON POPULATION IN PCOS</p>
2:00 – 2:15 pm	<p>ROMINA FORNES <i>Department of Physiology & Pharmacology, Karolinska Institutet, Sweden</i></p>	<p>PROTEOMIC ANALYSIS OF PLACENTA FROM WOMEN WITH PCOS</p>
2:15 – 2:30 pm	<p>MARIA MANTI <i>Department of Physiology & Pharmacology, Karolinska Institutet, Sweden</i></p>	<p>MATERNAL ANDROGEN EXCESS AND OBESITY INDUCE CARDIAC HYPERTROPHY AND LEFT VENTRICULAR DYSFUNCTION IN FEMALE OFFSPRING</p>
2:30 - 4:00 pm	<p><i>Chair: HELENA TEEDE, MBBS PhD Monash Centre for Health Research & Implementation, Monash University, Australia</i></p>	SESSION V CARDIOVASCULAR DISEASE AND PCOS
2:30 – 3:00 pm	<p>JOOP LAVEN, MD PhD <i>Department of Obstetrics and Gynecology, Erasmus MC, University Medical Center Rotterdam, The Netherlands</i></p>	<p>WHO IS AT RISK OF CARDIOVASCULAR SEQUELAE?</p>
3:00 – 4:00 pm	GENERAL DEBATE: DOES PCOS LEAD TO ADVERSE CARDIOVASCULAR OUTCOMES?	
3:00 – 3:20 pm	<p>DJURO MACUT, MD <i>Clinic of Endocrinology, Diabetes & Diseases of Metabolism, Faculty of Medicine, University of Belgrade, Serbia</i></p>	“Yes”
3:20 - 3:40 pm	<p>ANUJA DOKRAS, MD PhD <i>Department of Obstetrics & Gynecology, University of Pennsylvania, USA</i></p>	“No”
3:40 – 4:00 pm	GENERAL DISCUSSION	
4:00 – 4:30 pm	Wellness and Coffee Break	

4:30 – 5:30 pm	Chair: HEATHER HUDDLESTON, MD <i>Department of Obstetrics & Gynecology, University of California San Francisco, USA</i>	SESSION VI ORAL PRESENTATIONS 2
4:30 – 4:45 pm	GRAEME FRASER <i>Drug Discovery & Development OGEDA SA, Belgium</i>	THE NK ₃ RECEPTOR ANTAGONIST FEZOLINETANT (A.K.A. ESN ₃₆₄) SIGNIFICANTLY REDUCES SERUM TESTOSTERONE LEVELS AND NORMALIZES THE LH/FSH RATIO IN WOMEN WITH PCOS
4:45 – 5:00 pm	EMMA OBERG <i>Department of Women's & Children's Health, Karolinska Institutet, Sweden</i>	IMPROVED MENSTRUAL FUNCTION IN OBESE WOMEN WITH PCOS AFTER BEHAVIORAL MODIFICATION INTERVENTION –A RANDOMIZED CONTROLLED TRIAL
5:00 – 5:15 pm	TONE LOVVIK <i>Department of Obstetrics & Gynecology, St Olav Hospital, Norway</i>	METFORMIN TREATMENT OF PREGNANT WOMEN WITH PCOS – A RANDOMIZED, NORDIC MULTI-CENTER TRIAL
5:15 – 5:30 pm	LIV HANEM <i>Department of Clinical & Molecular Medicine, Norwegian University of Science & Technology, Norway</i>	INTRAUTERINE METFORMIN EXPOSURE AND OFFSPRING CARDIOMETABOLIC HEALTH AT 5-10-YEARS FOLLOW-UP
5:30 - 5:50 pm	Chairs: MARIA NEW, MD <i>Department of Pediatrics, Icahn School of Medicine at Mount Sinai, USA</i> AHMED KHATTAB, MD <i>Department of Pediatrics, Icahn School of Medicine at Mount Sinai, USA</i>	SESSION VII NEW DRUGS IN ANDROGEN EXCESS (SPONSORED SESSION)
	VIVIAN LIN, MD PHARIS MOHIDEEN, MD <i>Millendo Therapeutics, Inc. Ann Arbor, USA</i>	EFFICACY AND SAFETY OF NEVANIMIBE HCL FOR THE TREATMENT OF CONGENITAL ADRENAL HYPERPLASIA
6:00 – 8:00 pm	POSTER SESSION WINE AND SNACKS	

September 25, 2018		
Time	Speaker	Topic
8:00 - 9:00 am	Chair: JOHN MARSHALL, MD <i>Center for Research in Reproduction, University of Virginia, USA</i>	SESSION VIII ORAL PRESENTATIONS 3
8:00 – 8:15 am	ANNA BENRICK <i>Department of Physiology, University of Gothenburg, Gothenburg, Sweden</i>	A SINGLE BOUT OF ELECTRO-ACUPUNCTURE CAUSING MUSCLE CONTRACTIONS RESTORES DEFECTIVE GENE EXPRESSION IN PCOS MUSCLE
8:15 – 8:30 am	MOJCA JENSTERLE <i>Department of Endocrinology, Diabetes & Metabolic Diseases, University Medical Centre, Slovenia</i>	THE EFFECTS OF ANDROSTENEDIONE LEVEL ON ENDOMETRIAL GENE EXPRESSION PROFILE INVOLVED IN ENDOMETRIUM RECEPTIVITY IN OBESE INFERTILE WOMEN WITH PCOS

8:30 – 8:45 am	DOMINIK RACHON <i>Department of Clinical & Experimental Endocrinology, Medical University of Gdańsk, Poland</i>	SERUM BISPHENOL A CONCENTRATIONS CORRELATE WITH SERUM TESTOSTERONE LEVELS IN WOMEN WITH PCOS
8:45 – 9:00 am	JODIE AVERY <i>Robinson Research Institute, The University of Adelaide, Australia</i>	SELF-PERCEIVED HEALTH IN WOMEN WITH PCOS AND OTHER CHRONIC CONDITIONS, ACROSS THE LIFESPAN.
9:00 – 11:30 am	Chair: KATHLEEN HOEGER, M.D. <i>Division of Reproductive Endocrinology, University of Rochester, USA</i>	SESSION IX PCOS: METABOLIC DYSFUNCTION AND ENDOMETRIUM
9:00 - 9:30 am	RENATO PASQUALI, MD PhD <i>Department of Medical and Surgical Science University of Bologna, Bologna, Italy</i>	ROLE OF OBESITY IN PCOS
9:30 – 10:00 am	MARIANNE SKOVSAKER ANDERSEN, MD PhD <i>Department of Endocrinology, Odense University Hospital, Denmark</i>	GLYCEMIC STATUS IN PCOS
10:00 - 10:30 am	Wellness and Coffee Break	
10:30 - 11:00 am	LAURE MORIN-PAPUNEN, MD PhD <i>Department of Obstetrics & Gynecology, Oulu University, Finland</i>	IS PCOS A METABOLIC RISK?
11:00 - 11:30 am	TERHI PILTONEN, MD PhD <i>Department of Obstetrics & Gynecology, Oulu University, Finland</i>	ALTERED ENDOMETRIAL FUNCION IN PCOS
11:30 - 12:30 pm	Chair: ANUJA DOKRAS, MD <i>Department of Obstetrics & Gynecology, University of Pennsylvania, USA</i>	SESSION X PCOS: PSYCHIATRIC ISSUES
11:30 - 12:00 pm	CAROLYN CESTA, PhD <i>Centre for Pharmacoepidemiology, Department of Medicine, Karolinska Institutet, Sweden</i>	PCOS AND PSYCHIATRIC ISSUES: A TWIN STUDY
12:00 - 12:30 pm	ELISABET STENER-VICTORIN, PhD <i>Department of Physiology & Pharmacology, Karolinska Institutet, Sweden</i>	PATHOPHYSIOLOGY OF PSYCHIATRIC ISSUES IN PCOS
12:30 - 1:30 pm	Lunch Break	
1:30 - 2:30 pm	Chairs: MARLA LUJAN, PhD <i>Division of Nutritional Sciences, Cornell University, USA</i> ESZTER VANKY, MD <i>Department of Obstetrics & Gynecology, Trondheim University, Norway</i>	SESSION XI ORAL PRESENTATIONS 4

1:30 – 1:45 pm	DORINA UJVARI <i>Department of Women's & Children's Health, Karolinska Institutet, Sweden</i>	THE EFFECT OF METFORMIN ON SERUM LEVEL OF PROK ₁ IN PREGNANT WOMEN WITH PCOS
1:45 – 2:00 pm	JOSEFIN KATAOKA <i>Department of Physiology, University of Gothenburg, Sweden</i>	PREVALENCE OF PCOS AND METABOLIC SYNDROME AMONG WOMEN WITH SEVERE OBESITY – EFFECT OF A 12- MONTH WEIGHT REDUCTION PROGRAM
2:00 – 2:15 pm	MELANIE GREEN <i>Pediatric Endocrinology, Children's Hospital Colorado, University of Colorado, USA</i>	LOWER POST-PRANDIAL GLP-1 RESPONSE IS ASSOCIATED WITH NAFLD NOT PCOS STATUS IN OBESE ADOLESCENTS, ALTHOUGH ALL GIRLS WITH PCOS RESPOND TO ACUTE GLP-1 AGONIST THERAPY
2:15 – 2:30 pm	ELENI GREENWOOD <i>Department of Obstetrics & Gynecology, University of California San Francisco, USA</i>	DEPRESSION RISK ACROSS THE LIFESPAN IN WOMEN WITH PCOS: A LONGITUDINAL ANALYSIS
2:30 – 3:00 pm	Chair: WALTER FUTTERWEIT, MD <i>Mount Sinai School of Medicine, USA</i>	WALTER FUTTERWEIT LIFETIME CONTRIBUTION AWARD
	ENRICO CARMINA, MD <i>Department of Health Sciences and Mother & Child Care, University of Palermo Medical School, Italy</i>	REVISITING PCOS PHENOTYPES: ASSESSING HORMONAL AND METABOLIC CHARACTERISTICS OF PHENOTYPES B AND D
3:00 - 3:30 pm	Wellness and Coffee Break	
3:30 – 4:30 pm	Chair: JUHA TAPANAINEN, M.D. <i>Department of Obstetrics & Gynecology, University of Helsinki, Finland</i>	SESSION XII TREATMENTS OF PCOS: OLD AND NEW
	JAQUELINE BOYLE, MD MPH PhD <i>School of Public & Preventative Medicine, Monash University, Australia</i>	ETHNIC DIFFERENCES, METABOLIC RISKS AND LIFESTYLE
4:00 - 4:30 pm	PERNILLE RAVN <i>Department of Obstetrics & Gynecology, Odense University, Denmark</i>	MYOINOSITOL OR METFORMIN?
4:30 – 5:00 pm	PRESENTATION OF THE NEW PRESIDENT OF THE AEPPOS SOCIETY	
	ENRICO CARMINA, MD <i>Executive Director and CEO, AEPPOS Society</i>	PRESENTATION OF THE 17 TH ANNUAL MEETING OF THE AEPPOS SOCIETY CLOSING REMARKS