



## Saturday May 6, 2017

08.30-19.00 Registration

Pre-congress course 1	
Male fertility: Basic and clinical aspects	
Part 1. From the testis to the oocyte:	
<i>The long journey of the male gamete</i>	
10.00-10.10	Csilla Krausz (University of Florence, IT) - <i>Welcome and introduction</i>
10.10-10.40	Stefan Schlatt (University Münster, DE) - <i>Spermatogonial stem cells and their niches</i>
10.40-11.10	Gail Cornwall (Texas Tech University Health Sciences Center, USA) - <i>Epididymal maturation: from physiology to pathology</i>
<b>11.10-11.30</b>	<b>Coffee/tea break</b>
11.30-12.00	Maria-Christina Avellar (Federal University of São Paulo, BR) - <i>The effect of inflammation on sperm fertilizing ability</i>
12.00-12.30	Brett Nixon (University of Newcastle, AU) - <i>How environmental factors influence the trajectory of embryonic development</i>
<b>12.30-13.30</b>	<b>Lunch</b>
Part 2. Male fertility: from diagnosis to therapy	
13.30-14.10	Csilla Krausz (University of Florence, IT) - <i>Novel classification of male infertility</i>
14.10-14.40	Ewa Rajpert-De Meyts (Copenhagen University Hospital, DK) - <i>The clinical relevance of diagnosing germ cell neoplasia in situ</i>
<b>14.40-15.00</b>	<b>Coffee/tea break</b>
15.00-15.30	Arthur L. Burnett (Johns Hopkins University, USA) - <i>Infertility and sexual dysfunction complications of congenital genitourinary abnormalities</i>
15.30-16.00	Janice Bailey (Laval University, CA) - <i>Sperm cryopreservation: impact on fertilization</i>
16.00-16.30	Ralf Henkel (University of the Western Cape, ZA) - <i>Sperm selection for ART: an update</i>
16.30	Stefan Schlatt (University Münster, DE) - <i>Closure of course</i>

Pre-congress course 2	
Endocrine disruptors and male reproductive health	
10.00-10.10	Niels Jørgensen (Copenhagen University Hospital, DK) - <i>Welcome</i>
10.10-10.40	Anna-Maria Andersson (Copenhagen University Hospital, DK) - <i>Introduction to endocrine disruptors</i>
10.40-11.10	Niels Jørgensen (Copenhagen University Hospital, DK) - <i>Trends in male reproductive disorders</i>
<b>11.10-11.30</b>	<b>Coffee/tea break</b>
11.30-12.00	Marta Axelstad Petersen (Technical University of Denmark, DK) - <i>Disruption of reproduction in animal models</i>
12.00-12.30	Shanna Swan (Mount Sinai, USA) - <i>The anogenital distance - a marker of early origin of adult reproductive dysfunction</i>
<b>12.30-13.30</b>	<b>Lunch</b>
13.30-13.55	João Ramalho-Santos (University of Coimbra, PT) - <i>Non-genomic effects of EDCs on sperm</i>
13.55-14.15	Kristian Almstrup (Copenhagen University Hospital, DK) - <i>EDCs and epigenetics</i>
14.15-14.40	Tina Kold Jensen (University of Southern Denmark, DK) - <i>Male reproductive health and lifestyle</i>
<b>14.40-15.00</b>	<b>Coffee/tea break</b>
15.00-15.30	Bernard Jegou (INSERM, FR) - <i>The importance of ex vitro and in vitro model-systems to predict toxic effects in humans</i>
15.30-16.00	Heather Patisaul (NC State University, USA) - <i>The brain as a reproductive organ</i>
16.00-16.15	Anna-Marie Andersson (Copenhagen University Hospital, DK) - <i>General discussion and closure of course</i>

<b>Saturday May 6, 2017</b>			
<b>17.30-18.00</b>	<b>Opening Ceremony</b>		
<b>18.00-19.00</b>	<b>Plenary 1</b> Chair: Ewa Rajpert-De Meyts (Copenhagen University hospital, DK) Walfred Tang (University of Cambridge, UK) - <i>Development of the human germline</i>		
<b>19.00-20.30</b>	<b>Welcome Reception</b>		
<b>Sunday May 7, 2017</b>			
<b>08.00-09.00</b>	<b>Plenary 2</b> Chair: Stefan Schlatt (University Münster, DE) Jacquetta Trasler (McGill University, CA) - <i>Folic acid supplements and folate metabolic pathway polymorphisms impact the sperm DNA methylome</i>		
<b>09.00-09.45</b>	<b>Coffee/tea break</b>		
<b>09.45-12.00</b>	<b>Symposium 1 and 2</b>		
	<b>Symposium 1</b> <b>Lifestyle, the male epigenome, and the health of his offspring</b> Chair: Janice Bailey (Laval University, CA) and Kristian Almstrup (Copenhagen University Hospital, DK) 09.45-10.15 Sarah Kimmins (McGill University, CA) - <i>The impact of diet and toxicants on the heritable sperm epigenome of mice and men</i> 10.15-10.45 Nicole McPherson (University of Adelaide, AU) - <i>How paternal obesity influences the health and development of his offspring</i> 10.45-11.15 Wei Yan (University of Nevada at Reno, USA/CN) - <i>Sperm small RNAs as the carriers of epigenetic information</i> 11.15-11.30 Donovan Chan (McGill University, CA) - <i>The human sperm methylome: identification of environmentally susceptible CpG methylation sites</i> 11.30-11.45 Oleg Sergeev (Russian Academy of Sciences, RU) – <i>The impact of child dioxin exposure on the heritable sperm epigenome of Russian young adults</i> 11.45-12.00 J Richard Pilsner (University of Massachusetts, USA) - <i>Phthalate exposure during spermatogenesis in adult mice and sperm epigenetic dysregulation</i>	<b>Symposium 2</b> <b>Oncofertility</b> Chair: Alberto Ferlin (University of Padova, IT) and Ewa Rajpert-De Meyts (Copenhagen University Hospital, DK) Herman Tournaye (University Hospital Brussels, BE) - <i>Fertility preservation in prepubertal boys</i> Andrea Isidori (University of Rome, IT) - <i>Sperm cryopreservation in testicular cancer and Hodgkin's lymphoma patients: molecular and clinical aspects</i> Christina Wang (University of California, USA) - <i>The effects of humanin and its analogues on male germ cell apoptosis induced by chemotherapeutic drugs</i> Ieva Masliukaite (Academic Medical Center, NL) - <i>Severely decreased spermatogonial quantity after chemotherapy with alkylating agents in prepubertal boys</i> Mina Mincheva (University Clinic of Münster, DE) <i>In vitro culture of primary human testicular cells as a strategy to induce testicular tubulogenesis</i> Prashant Kadam (Vrije University Brussel, BE) - <i>Co-transplantation of mesenchymal stem cells for efficient spermatogonial stem cell transplantation</i>	
<b>11.45-13.15</b>	<b>Lunch</b>		
<b>12.15-13.15</b>	<b>Workshop 1, 2 and 3</b>		
	<b>Workshop 1</b> Chair: Jorma Toppari (University of Turku, FI) 12.15-13.15 Rodolfo A Rey (Hospital de Niños Ricardo Gutiérrez, AR) - <i>Pediatric andrology: pathologies and treatments</i>	<b>Workshop 2</b> Chair: Gail Cornwall (Texas Tech University Health Sciences Center, USA) Joerg Gromoll (University Münster, DE) - <i>Bringing epigenetics into the diagnostics of the andrology</i>	<b>Workshop 3</b> <b>Advances in Male Contraception. Sponsored by the International Consortium of Male Contraception (ICMC) and The Population Council</b> Chairs: Ronald Swerdloff (LA Biomedical Research Institute at Harbor-UCLA, USA), Regine Sitruk-Ware (Population Council, USA) and David Serfaty (Paris VI & Paris VII University, FR) - <i>Objectives of the ICMC</i> Hermann Behre (University Hospital of

		laboratory	Halle, DE) - <i>WHO efficacy study with progestin androgen combination</i> Christina Wang (LA Biomedical Research Institute and Harbor-UCLA Medical Center, USA) - <i>New perspectives on hormonal male contraception - User friendly methods</i> Regine Sitruk-Ware (Population Council, USA) - <i>New targets for non-hormonal methods</i>
<b>13.30-15.15</b>	<b>Symposium 3 and 4</b>		
	<b>Symposium 3</b> <b>Androgens: New roles and challenges to existing dogma</b> Chair: Jorma Toppari (University of Turku, FI) and Hermann Behre (Martin-Luther-University Halle-Wittenberg, DE)		<b>Symposium 4</b> <b>Sexual Health: Erectile dysfunction</b> Chair: Arthur L. Burnett (Johns Hopkins University, USA) and Kathleen Herkommer (Technical University, Munich, DE)
13.30-14.00	Lee Smith (University of Edinburgh, UK) <i>Manipulating testicular androgen production to promote lifelong male health</i>		Linda Vignozzi (University of Florence, IT) <i>Novel risk associations for LUTS/BPH and erectile dysfunction</i>
14.00-14.30	Sam Denmeade (Johns Hopkins University, USA) - <i>Counterintuitive effectiveness of high dose testosterone (bipolar androgen therapy) as treatment for prostate cancer</i>		Yoram Vardi (Rambam Medical Center, IL) <i>Shockwave treatment for management of erectile dysfunction</i>
14.30-15.00	Yvonne Lundberg Giwercman (Lund University, SE) <i>- Gene polymorphism in androgen signaling pathways may modulate response to environmental chemicals</i>		Michael Adams (Queen's University, CA) <i>Unconventional risk factors for erectile dysfunction</i>
15.00-15.15	Takaki Ishida (Kobe University, JP) - <i>Induced hormone-producing Leydig cells derived from human iPS cells</i>		Stefan Ückert (Hannover Medical School, DE) - <i>Is there a role of human growth hormone (GH) in the mechanism of penile erection in the adult male?</i>
<b>15.15-15.45</b>	<b>Coffee/tea break</b>		
<b>16.00-16.45</b>	<b>Plenary 3</b> Chair: Maria-Christina Avellar (Federal University of São Paulo, BR) Sarah Robertson (University of Adelaide, AU) - <i>Seminal fluid signaling in the female reproductive tract: Implications for reproductive success and offspring health</i>		
<b>16.45-17.30</b>	<b>Plenary 4</b> Chair: Arthur L. Burnett (Johns Hopkins University, USA) Shalendar Bhasin (Boston University School of Medicine, USA) - <i>The Aging Male: Outcome of testosterone trials</i>		
<b>17.30-19.00</b>	<b>Poster session 1</b>		

<b>Monday May 8, 2017</b>			
<b>08.00-09.00</b>	<b>Plenary 5</b> Chair: Jorma Toppari (University of Turku, FI) Katharina M Main (Copenhagen University Hospital, DK) - <i>Developmental origins of male reproductive health</i>		
<b>09.00-09.30</b>	<b>Coffee/tea break</b>		
<b>09.45-11.30</b>	<b>Symposium 5 and 6</b>		
	<b>Symposium 5</b> <b>Semen quality: the canary in the coal mine</b> Chair: Alexander Giwercman (Lund University, SE) and Lærke Priskorn (Copenhagen University Hospital, DK)		<b>Symposium 6</b> <b>Molecular Basis of Sperm Function</b> Chair: Donovan Chan (McGill University, CA) and Brett Nixon (University of Newcastle, AU)

09.45-10.15	<a href="#">Niels Jørgensen</a> (Copenhagen University Hospital, DK) - <i>Male reproductive health as a marker of general health</i>		<a href="#">Masahito Ikawa</a> (Osaka University, JP) - <i>Using CRISPR/Cas9 technology to elucidate fertilization mechanisms</i>
10.15-10.45	<a href="#">Ricardo Pimenta Bertolla</a> (Federal University of Sao Paulo, BR) - <i>The seminal plasma proteome as a biomarker of male fertility</i>		<a href="#">Mo-Fang Liu</a> (Shanghai Institutes for Biological Sciences, CN) - <i>piRNA Function during spermiogenesis</i>
10.45-11.15	<a href="#">Germaine Buck Louis</a> (NIH/NICHD, USA) - <i>Exposure to environmental contaminants and male fertility</i>		<a href="#">Paty Cuasnicu</a> (IByME-CONICET, AR) - <i>From the epididymis to the egg: participation of CRISP proteins in mammalian fertilization</i>
11.15-11.30	<a href="#">Hagai Levine</a> (Hebrew University-Hadassah Medical Center, IL) - <i>Temporal trends in sperm count: A systematic review and meta-analysis</i>		<a href="#">Monika Fraczek</a> (Polish Academy of Sciences, PL) - <i>The role of subcellular sperm structures in determining the fertilizing potential of male gametes</i>
<b>11.30-13.15</b>	<b>Lunch</b>		
11.45-13.15			<b>11.45-13.15 Industry Sponsored: Bayer Lunch Symposium - Update on testosterone therapy and why obese or diabetic men should get more attention in clinical practice</b> Chairs: <a href="#">Lars Rydén</a> (Uppsala University, SE) and <a href="#">Marianne Andersen</a> (University of Southern Denmark, DK) <a href="#">Michael Zitzmann</a> (University Hospital Münster, DE)- <i>Testosterone and obesity</i> <a href="#">Hugh Jones</a> (University of Sheffield, UK) - <i>Testosterone and diabetes</i> <a href="#">Geoff Hackett</a> (University of Bedfordshire , UK) - <i>Testosterone, sexual function and quality of life</i> <a href="#">Mohit Kherra</a> (Baylor College of Medicine, USA) - <i>Testosterone, prostate cancer and LUTS</i>
12.15-13.15	<b>Workshop 4</b> Chair: <a href="#">Janice Bailey</a> (Laval University, CA) <a href="#">Jackson Kirkman-Brown</a> (University of Birmingham, UK) - <i>Optimised fertility management in a trauma setting</i>	<b>Workshop 5</b> Chair: <a href="#">Ralf Henkel</a> (University of the Western Cape, ZA) <a href="#">Paul Moundipa</a> (University of Yaounde I, CM) - <i>Herbal medicine in Andrology</i>	
<b>13.30-15.30</b>	<b>Symposium 7 and 8</b>		
13.30-14.00	<b>Symposium 7</b> <b>Epididymal Development and Function</b> Chair: <a href="#">Gail Cornwall</a> (Texas Tech University Health Sciences Center, USA) and <a href="#">Maria-Christina Avellar</a> (Federal University of São Paulo, BR) <a href="#">Barry Hinton</a> (University of Virginia, USA) - <i>Length does matter: lessons from the developing Wolffian/epididymal duct</i>		<b>Symposium 8</b> <b>The Aging Male</b> Chair: <a href="#">Stefan Schlatt</a> (University Münster, DE) and <a href="#">Shalendar Bhasin</a> (Boston University School of Medicine, USA) <a href="#">Fred Wu</a> (University of Manchester, UK) - <i>Functional changes in the Hypothalamic-Pituitary-Testicular (HPT) axis in ageing men – longitudinal data from the European male aging study</i> <a href="#">Anne Goriely</a> (University of Oxford, UK) - <i>Selfish mutations in human testis, paternal age-effects and human disease</i> <a href="#">Jann-Frederik Cremers</a> (University of Münster, DE) - <i>FAME (Fertility and Aging in healthy Men): First Results of a mono-centric cross-sectional study in healthy men (14.30-14.45)</i> <a href="#">Juris Erenpreiss</a> (Latvian Biomedical Research and Study Centre, LV) - <i>Late onset hypogonadism affects only elderly men with co-morbidities (14.45-15.00)</i>
14.00-14.30	<a href="#">Petra Sipila</a> (University of Turku, FI) - <i>The lack of Dicer1 causes epididymal dedifferentiation and male infertility</i>		
14.30-15.00	<a href="#">Clemence Belleannee</a> (University of Laval, CA) - <i>(DICER)-phering the role of extracellular microRNA in the epididymis</i>		
15.00-15.15	<a href="#">Daniela Beyer</a> (Justus-Liebig-University, DE) - <i>Smooth muscle cell contractions and directional movement of exfoliated cells in the lumen of the immature epididymal duct – important mechanism during development</i>		
15.15-15.30	---		<a href="#">Kazuyoshi Shigehara</a> (Kanazawa University, JP) - <i>Effects of testosterone replacement therapy on metabolic syndrome among Japanese hypogonadal men: A subanalysis of a</i>



		<i>prospective randomized controlled trial (EARTH study)</i>
<b>15.30-16.45</b>	<b>Coffee/tea break and Poster session 2</b>	
<b>17.00-17.50</b>	<b>Plenary 6 (Roundtable Discussion)</b> <b>ICSI: Minimizing risks to patient and offspring</b> Chair: <a href="#">Chris L Barratt</a> (University of Dundee, UK) <a href="#">Rob McLachlan</a> (Monash University, AU) <a href="#">Anja Pinborg</a> (Copenhagen University Hospital, DK) <a href="#">Doug Carrell</a> (University of Utah, USA)	
<b>18.00-19.00</b>	<b>ISA General Assembly</b>	
<b>19.30-23.00</b>	<b>Congress Dinner</b>	

<b>Tuesday May 9, 2017</b>		
<b>08.00-09.00</b>	<b>Plenary 7</b> Chair: <a href="#">Csilla Krausz</a> (University of Florence, IT) <a href="#">Tina Kold Jensen</a> (University of Southern DK, DK) - <i>Infertility as a predictor of systemic disease</i>	
<b>09.00-09.45</b>	<b>Coffee/tea break</b>	
<b>09.45-11.15</b>	<b>Symposium 9 and 10</b>	
	<b>Symposium 9</b> <b>Industry Sponsored: Origio Symposium</b> Chair and speaker: <a href="#">Jackson Kirkman-Brown</a> (University of Birmingham, UK) - <i>The best sperm for the best embryo</i>	<b>Symposium 10</b> <b>Oxidative stress and sperm function</b> Chair: <a href="#">Ralf Henkel</a> (University of the Western Cape, ZA)  <a href="#">Joel Drevet</a> (University Blaise Pascal, FR) - <i>Sperm nuclear oxidative damage: why, where and what to be afraid of</i> <a href="#">Geoff De Iullius</a> (University of Newcastle, AU) - <i>Causes and consequences of oxidative damage in the male germ line</i> <a href="#">Brett Nixon</a> (University of Newcastle, AU) - <i>Oxidative stress during fertilization</i>
09.45-10.30 <b>(Symp 9)</b>		
09.45-10.15 <b>(Symp 10)</b>		
10.15-10.45 <b>(Symp 10)</b>		
10.45-11.15 <b>(Symp 10)</b>		
<b>11.15-12.45</b>	<b>Symposium 11 and 12</b>	
	<b>Symposium 11</b> <b>Genetics of Male Infertility</b> Chair: <a href="#">Csilla Krausz</a> (University of Florence, IT) and <a href="#">Frank Tüttelmann</a> (University of Münster, DE)  11.15-11.45 <a href="#">Don Conrad</a> (Washington University, USA) - <i>Genome-wide approaches to study the genetic basis of spermatogenic defects</i> 11.45-12.15 <a href="#">Claus Gravholt</a> (Aarhus University Hospital, DK) - <i>Impact of genetics and epigenetics on Klinefelter syndrome</i> 12.15-12.45 <a href="#">Maris Laan</a> (University of Tartu, EE) - <i>Genetic polymorphisms affecting semen quality and fertility chances - perspectives for individualized treatments</i>	<b>Symposium 12</b> <b>Sexuality</b> Chair: <a href="#">Jolanta Slowikowska-Hilczer</a> (Medical University of Lodz, PL) and <a href="#">Katharina M Main</a> (Copenhagen University Hospital, DK)  <a href="#">Benjamin N Breyer</a> (UCSF, USA) - <i>Alternative sexualities, implications for the urologist</i>  <a href="#">Osama Shaeer</a> (Cairo University, EG) - <i>The global online sexuality survey</i>  <a href="#">Guy T'Sjoen</a> (University of Ghent, BE) - <i>The transgender patient</i>
11.15-11.45		
11.45-12.15		
12.15-12.45		
<b>12.45-13.00</b>	<b>Closing</b>	
<b>13.00-13.30</b>	<b>Lunch</b>	