

THE 3RD ASIA-PACIFIC FORUM ON ANDROLOGY

in conjunction with the Tenth Anniversary Celebration of AJA



Environment, Life Style & Genetic/Epigenetic Factors and Men's Health
October 10-13, 2009, Nanjing, China

KEYNOTE SPEAKERS (subject to change and add)

Prof. David de Kretser (Governor of Victoria, Government House, Melbourne, Victoria, Australia)

Prof. de Kretser is a reproductive endocrinologist and was the Director of the Monash Institute of Medical Research in Melbourne. He is currently Governor of Victoria but retains a strong interest in andrology. Professor de Kretser initiated and directed Andrology Australia, the Federal Government's program in male reproductive health providing public and professional education and research in this field. He is a Fellow of the Royal Australasian College of Physicians, a Fellow of the Australian Academy of Science, and a Fellow of the Australian Academy of Technological Sciences and Engineering. His research in the field of reproductive biology, infertility and endocrinology is internationally recognised. His research led to the isolation and elucidation of the biology of the inhibin-related proteins in reproductive biology, inflammation and fibrosis and interactions with other TGF β family proteins. He retains interests in the genetic causes of male infertility.

❖ Tentative speech:

Biomedical and Social Determinants of Men's Health Deficits

Dr Trevor G Cooper (Head, Andrology Laboratory, Institute of Reproductive Medicine of the University, Domagkstrasse 11, Münster, Germany)

Dr Cooper is also the Director of WHO Collaborating Centre for Research in Male Reproduction. He is the Editor-in-Chief of 5th edition of WHO guidelines for Semen Analysis which will be published in 2009. His main scientific interests include semen analysis, spermatogenesis, epididymis, male infertility, etc.

❖ Tentative speeches

Understanding Sperm Function

WHO5 Semen Manual and Reference Values

Prof. Ralf Henkel (Deputy Chairperson and Research Coordinator, Department of Medical Biosciences, University of the Western Cape, South Africa)

❖ Tentative speech:

Sperm Preparation: State-of-the-Art

Prof Robert McLachlan (Prince Henry's Institute of Medical Research, Clayton, Australia)

Prof. McLachlan is an NH&MRC Principal Research Fellow at Prince Henry's Institute and consultant endocrinologist at the Monash Medical Centre with interests in male reproductive medicine, especially in male fertility and androgen physiology. He is Consultant Andrologist to the Monash IVF program with research interests in the genetics of male infertility. He is a past President of the Fertility Society of Australia, and a consultant to the WHO on male fertility regulation. He is Director of the Andrology Australia, a Federal Government initiative committed to research and community & professional education in male reproductive health.

❖ Tentative speech:

Clinical Management of Male Infertility

Prof Louis J Gooren (Department of Endocrinology, VU University Medical Center, Amsterdam, the Netherlands)

Prof. Gooren's present position is emeritus professor of medicine at the hospital of the Vrije Universiteit of Amsterdam, the Netherlands. Head of Andrology Unit, Division of Endocrinology, Department of Internal Medicine. His scientific interests includes the role of androgens/estrogens in 1) male health, particularly with regard to aging, 2) male sexual functioning and 3) disorders of sexual differentiation including transsexualism.

❖ Tentative speech:

Androgens and Male Ageing: Current Evidence of Safety and Efficacy

Prof Jens P. E. Bonde (Department of Occupational and Environmental Medicine, Bispebjerg University Hospital, Denmark)

Prof Bonde's research has from the mid 80's mainly been devoted epidemiologic studies on environment and reproductive health. He has taken part in several international research projects and he has published some 250 original papers, reviews, editorials, book chapters and reports of which 80 during past 5 years. Member of the editorial board of several international scientific journals and consultant of governmental committees. Since 2002 international coordinator of the INUENDO project investigating the impact of persistent organochlorines on human fertility and since 2008 coordinator of the CLEAR project addressing climate changes and human reproductive health.

❖ Tentative speech:

Occupational Hazards in Male Reproductive Health

Prof Timothy B. Hargreave (Department of Oncology, Edinburgh University, Western General hospital, Edinburgh, UK)

Prof. Hargreave is member of Scientific and Ethical Review Group UNDP/UNFPA/WHO/World Bank Special Programme of Research, Development and Research Training in Human Reproduction, World Health Organisation, Geneva. In addition to General Urology his clinical practice in Edinburgh is focused on Andrology including Male Fertility, Microsurgical Vasectomy Reversal, No Scalpel Vasectomy, Testicular disorders including testicular pain, Prostate Disease and Penis erection problems including Peyronies disease. He was joint author of the WHO manual for the standardized investigation and diagnosis of the infertile male Cambridge University Press. He also edited the WHO video of no-scalpel vasectomy. He recently co-authored the WHO manual of safe male circumcision under local anaesthetic. This manual of surgical technique forms part of training materials available through WHO to African countries where Health ministries wish to introduce male circumcision as a preventative measure against HIV spread.

❖ Tentative speech:

Circumcision and HIV Prevention

Prof Roger Short (Department of Obstetrics and Gynaecology, University of Melbourne, Carlton Vic. 3053, Australia)

Prof Short was born in England, initially graduating in Veterinary Medicine from the University of Bristol. After a year in the University of Wisconsin studying Genetics, he went to the University of Cambridge, becoming a Lecturer then Reader in the University and specializing in Animal Reproduction. This work brought him in contact with Dr Joseph Needham and Lu Gwei-Djen, who gave him a lifelong interest in the history of science and civilization in China. In 1972 he established the MRC Unit of Reproductive Biology in Edinburgh, Scotland, focussing on human contraceptive research, and he was host to two very important Chinese visitors, Drs Xiao Bilian and Wang Yi-Feh. In 1982 he moved to Monash University in Melbourne, Australia, teaching Human Reproduction to the medical students. It was here that he encountered his first HIV/AIDS patient, which inspired him to start research on HIV prevention. He spent the whole of 1989 in Geneva, working for the WHO Global Programme on AIDS, where he got to know Prof Wu Chieh-Ping. In 1996 he moved to the University of Melbourne, where he is now actively engaged in research on how topical oestrogen, applied to the male foreskin, may be able to prevent HIV from entering the penis.

❖ **Tentative speech:**

Non-surgical HIV prevention

Associate Prof Peter Y. Liu (NHMRC Career Development Fellow, Department of Andrology, Concord Hospital and ANZAC and Woolcock Institutes, University of Sydney, Australia)

Associate Prof Liu received medical (1993) and doctoral (2003) degrees from the University of Sydney, and clinical and research training from Concord and Royal Prince Alfred Hospitals (Sydney), Mayo Clinic (Rochester, MN) and Harbor-UCLA Medical Center (Los Angeles, CA). He has received numerous awards: Young Investigator Award, Endocrine Society of Australia (2004); NHMRC (Australia) Career Development Award (2007); NIH Trainee Merit Award, American Society of Andrology (2005); Outstanding Reviewer Award, Journal of Clinical Endocrinology and Metabolism (2007) and continuous personal or project funding from the NHMRC (Australia) since 1999. His research interests include male fertility and its regulation, the endocrinology of sleep and sleep disordered breathing, metabolic actions of androgens and gonadal axis physiology.

❖ **Tentative speech:**

Progress and Prospects for Hormonal Methods
Androgens, Obesity & Sleep

Prof Premendu P. Mathur (School of Life Sciences, Pondicherry University, Pondicherry, India)

❖ **Tentative speech:**

Natural Product Toxicology and the Testis

Dr De-Yi Liu (Department of Obstetrics & Gynecology, University of Melbourne, Royal Women's Hospital, VIC, Australia)

Dr Liu is the Senior Research Fellow at Department of Obstetrics & Gynaecology, University of Melbourne, Royal Women's Hospital, Australia. He is actively involved in research for human sperm function and male infertility, including semen analysis and new sperm function test, sperm-oocyte interaction, sperm capacitation and acrosome reaction, sperm preparation for clinical ART, sperm cryopreservation.

❖ **Tentative speech:**

Evaluating Sperm Function

Prof Aleksander Giwercman (Scanian Andrology Centre, Fertility Centre, Malmö University Hospital, Sweden)

Prof. Giwercman, born in 1955 in Lodz, Poland. Moved to Copenhagen, Denmark in 1969 and to Sweden in 1997. Medical education at Copenhagen University completed in 1981. Subsequently training as andrologist at the Department of Growth and Reproduction, University Hospital, Copenhagen, Denmark and PhD thesis on "Screening for carcinoma-in-situ of the testis" under supervision of Prof. N.E. Skakkebaek. Since 1993 Clinical Andrologist recognised by the European Academy of Andrology. Working at Malmö University Hospital since 1999. During the period 2001-2006 chairman of the Fertility Centre and since 2007 of the Reproductive Medicine Centre at the same hospital. Adjunct professor in andrology at the University of Lund and leader of research group in molecular reproductive medicine. Main supervisor of 7 completed and 4 ongoing PhD theses. Areas of research interest: gene-environment interaction and male reproductive function; cancer, cancer treatment and reproduction; clinical aspects of sperm DNA damage.

❖ **Tentative speech:**

Gene-environment interaction and male reproductive function

Prof. David J Handelsman (Reproductive Endocrinology & Andrology Director, ANZAC Research Institute, Sydney, Australia)

Prof Handelsman is the Inaugural Professor/Director of the ANZAC Research Institute. His expertise is in all aspects of male reproductive health, medicine and biology. His background includes studying medicine (University of Melbourne), postgraduate training as a specialist physician in Endocrinology and research training (NHMRC Neil Hamilton Fairley Fellow, Wellcome Senior Research Fellow) and has worked in the USA, Australia and Germany. Over a 20 years career he made over 500 scientific contributions including over 250 scientific papers.

Prof Chawnshang Chang (George Whipple Lab for Cancer Research, Department of Pathology, University of Rochester Medical Center, Rochester, USA)

Prof Chang is George Hoyt Whipple Distinguished Professor and Director of the George Whipple Laboratory for Cancer Research from the University of Rochester. He has established himself as a leader in the field of Sex Hormones through his pioneering studies on the molecular mechanism of the androgen receptor and its biological functions.

❖ **Tentative speech:**

Genomic and Non-Genomic Mechanisms in Androgen Action

Dr J Anton Grootegoed (Department of Reproduction and Development, Erasmus MC-University Medical Center, Rotterdam, The Netherlands)

Prof Grootegoed is the president of the International Society of Andrology (2005-2009). He presides the Department of Reproduction and Development at Erasmus MC (University Medical Center Rotterdam). His research is focused on gonadal development, sex differentiation and gametogenesis in mammalian species, including some work on cancers of the reproductive system.

❖ **Tentative speech:**

Genetic mechanism affecting spermatogenesis

Looking forward to meeting you in Najing, China October 2009