

The 2018 European Society for Paediatric Endocrinology (ESPE) science symposium

The science of gender: evidence for what influences gender development and gender dysphoria and what are the respective influences of nature and nurture

Thursday 18 October 2018

13.00 Registration and light lunch

13.45 Welcome and Introduction
Local team and Steering group

Exploring all the avenues in gender development

14.00 Genetic perspective - differences and similarities between gender dysphoria and sex development disorders
Dr Polly Carmichael, Gender Identity Development Service, The Tavistock and Portman NHS Foundation Trust, UK

14.30 Experience of the Young
Cognitive perspective - Physical brain maturation – the developing brain in puberty. Emotional and cognitive development, independence and autonomy
Professor Sarah-Jayne Blakemore, UCL Institute of Cognitive Neuroscience, UK

15.00 Questions and discussion

15.30 Refreshment break

16.00 Endocrine perspective - Pubertal development, sexual behaviour, gender identity and mental health in adolescence
Professor Riittakerttu Kaltiala-Heino, Adolescent Psychiatry, University of Tampere, Finland

16.30 Emotional and social perspective – considering the relationships between gender identity, family functioning and associated mental health difficulties?
Dr Sarah Davidson with invited patients and participants,
Gender Identity Development Service,
The Tavistock and Portman NHS Foundation Trust, UK

17.00 Questions and discussion

17.15 Ethical dilemmas in transgender care for children and adolescents.
Introduction to case presentations and discussions
Professor Martine de Vries, Leiden University Medical Centre, Netherlands

17.30 Break and buffet tea

18.00 Ethical dilemmas in transgender care for children and adolescents.
Discussion groups.

Please contact us if you wish to present a case or scenario

18.30 General discussion around case presentations and scenarios from delegates

19.30 Issues surrounding the participation of transgender athletes in sport
Professor Alan Rogol, Charlottesville, Virginia, USA

20.00 Close
Free evening

Friday 19 October 2018

- 09.00 Arrival and refreshments
- Gender and the Brain**
- 09.15 Exploring the neurobiology of gender dysphoria
Professor Nicos Skordis, Department of Paediatrics,
University of Nicosia, Cyprus
- 09.45 Patterns of development which may influence
gender identity including
autistic spectrum functioning
Dr Annelou de Vries, Centre for Expertise on Gender
Dysphoria, Free University VU Medical Centre,
Amsterdam, Netherlands
- 10.15 Questions and discussion
- 10.45 Refreshment break
- 11.00 Influence of endogenous hormones on maturation
- how do sex hormones affect gender
expression in DSD and gender variance?
Dr Baudewijntje Kreukels, Centre for Expertise
on Gender Dysphoria, Free University VU
Medical Centre, Amsterdam, Netherlands
- 11.30 Sex hormone manipulation and
brain function
Dr Vibe Frokjaer, Department of Neurology,
Rigshospitalet, Copenhagen, Denmark
- 12.00 Effect of pubertal blockade with GnRH analogues on
neurocognitive function and physiological
maturation
Professor Neil Evans, Institute of Biodiversity, Animal
Health and Comparative Medicine, University of
Glasgow, Scotland
- 12.30 Questions and discussion
- 13.00 Lunch
Poster presentations from all student participants
and delegates who wish to submit a poster
- Pros and cons of endocrine treatment in gender
dysphoria**
- 14.00 Effects of GnRH analogues and cross-sex hormones
on growth and puberty
Professor Gary Butler, University College London
Hospital and Gender Identity Development Service,
The Tavistock and Portman NHS Foundation Trust,
UK
- 14.30 Longer term outcome of cross-sex hormone
treatment
Dr Leighton Seal, Charing Cross Gender Dysphoria
Clinic, UK
- 15.00 Questions and discussion
- 15.30 Refreshment break
- 15.45 Managing the pubertal axis in young people with
gender dysphoria – how effective is it and what
can be improved?
Prof Martine Cools, Paediatric and Adolescent
Endocrinology, University Hospital Gent, Belgium
- 16.15 Risks of hormonal interventions in the short and
long term - how is bone, cardiovascular health and
cancer morbidity affected?
The adult perspective
Dr Alessandra Fisher, Department of Experimental,
Clinical and Biomedical Sciences, Careggi University
Hospital, Italy
The child and adolescent perspective
Dr Sabine Hannema, Leiden University Medical
Centre, Netherlands
- 17.00 Questions and discussion
- 17.15 Closing remarks
- 17.30 Close
- 19.15 Networking buffet dinner in Marriott Regent's Park
Hotel (included in registration fee)
(10 mins walk from the Tavistock Centre)

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