



European Society of Human Genetics

One day symposium June 11th 2010, Gothenburg, Sweden Changing landscape of genetic testing and its impact on clinical and laboratory services and research in Europe.

Programme:

9:00am Coffee and registration (collect badges)

9:45am Welcome and Introduction to Symposium (Ros Hastings)

1. Science of these new technologies (Chairs: Ros Hastings & Martina Cornel)

10.00am An overview of the new technologies (array CGH, whole genome sequencing, expression arrays, multifactorial diagnostic services) (Gert Jan van Ommen)

10.25am Practical challenges for clinical genetic services (Dian Donnai)

10.50am Practical challenges that copy number variation and whole genome sequencing creates for genetic diagnostic labs (Joris Vermeesch)

11.15am Ethical and policy challenges in genetic screening (Lainie Friedman Ross)

11.30 am Coffee break

2. Current and Future Challenges (Chairs: Martina Cornel & Ros Hastings)

12noon The role of professional geneticists in the changing landscape (Jean Jacques Cassiman)

12.20pm Building the evidence of unknown variants (Martijn Breuning)

12.40pm Clinical Utility (Peter Farndon)

13.00 -13.50 Lunch

13.50pm Patient perspective - new healthcare offers; appropriate testing (Alistair Kent)

14.10pm Ethical/legal issues in whole genome diagnostics (Timothy Caulfield)

14.30pm Governance issues in whole genome diagnostics (Ellen Wright Clayton)

14.50pm Move to workshop venue

3. Workshops (15.00 -17.00hrs)

- (i) Is it morally acceptable to examine the whole genome? What about blurring the boundaries between diagnostics and screening? (Guido de Wert & Niels Nijsingh)
- (ii) When should laboratories examine the whole genome? (Brian Fowler, David Barton, Ros Hastings)
- (iii) How do we build the evidence of clinical utility?(Jörg Schmidtke & Michael Krawczak)
- (iv) How do we prepare our primary healthcare service to incorporate whole genome testing? (Martina Cornel, Eric Vermeulen & Carla van El)
- (v) How do we prepare our genetic services to incorporate whole genome testing? (Bert Bakker & Joris Vermeesch)
- (vi) Blurring boundaries between research and clinical services (Pascal Borry & Yrrah Stol)

17.00pm Plenary session: Feedback from the workshops

18:00pm Closure of Symposium