



Satellite Meeting: "Innovative Techniques in Genome Diagnostics"

Sunday June 1, 2008

Time: **10.15 to 12.30**

ESHG, Barcelona

Room: **115**

Program

- 10:15- 10:25 EuroGentest Unit 5 introduction: Call for new Technology
➤ Nienke van der Stoep (EuroGentest Unit 5, NL)
- 10:25- 10:45 Technical evaluation of Alamut: "A decision-support software application for molecular genetics"
➤ Andrew Deveraux (CM&MC Manchester, UK)
- 10:45- 11:05 "BRCA screening by HRM on the LightCycler®480"
➤ Tom Janssens, (Med. KU, BE)
- 11:05- 11:20 Methylation-sensitive High Resolution Melting (HRM) Analysis as a diagnostic tool for Beckwith-Wiedemann and Silver-Russell syndromes.
➤ Marielle Alders, (AMC, NL)
- 11:20- 11:35 Zoom-in Array-CGH: "A high-resolution technology to detect and characterize germline large rearrangements - Applications to BRCA1/BRCA2 genes."
➤ Etienne Rouleau (INSERM, FR)
- 11:35- 11:50 EMMA a new technique for simultaneous detection of point mutations and large scale rearrangements.
➤ Jérémie Weber (FLUIGENT, FR)
- 11:50- 12:05 Digital PCR performed on microfluidic chips for aneuploidy detection.
➤ Bernhard G Zimmermann/Marc Unger (Fluidigm Inc, USA)
- 12:05- 12:20 Nanofluidic-enabled single-molecule imaging for DNA analysis detection.
➤ Michael Boyce-Jacino (BioNanomatrix, Inc, USA)
- 12:20- 12.30 Concluding remarks
➤ Gert Matthijs/ Bert Bakker (Unit 5 leaders EuroGentest, NL)

