



***3Gb-TEST Regional Meeting - Next-generation sequencing and genomic applications in disease and health: has the future arrived?***

***Tuesday 9<sup>th</sup> September, 2014***

***17.00-21.00***

***Acropolis Museum, Athens, Greece***

Chairs: Emmanuel Kanavakis (University of Athens, Greece), Yannis Georgiou (University of Ioannina, Greece),

17.30 Introducing NGS diagnostic applications in human genetics: the 3Gb-test project.  
*(Bert Bakker, Leiden, the Netherlands)*

18.00 NGS in clinical diagnostics: current trends.  
*(Hans Scheffer, Nijmegen, The Netherlands)*

18.30 NGS for free fetal DNA analysis.  
*(Elles Boon, Leiden, The Netherlands)*

19.00 *Refreshment Break*

Chairs: Sofia Kitsiou-Tzeli (University of Athens, Greece), Aspasia Tsezou (University of Thessaly, Greece)

19.30 The applications of next generation sequencing in the analysis and study of single cells. *(Thierry Voet, KU Leuven, Belgium)*

20.00 Ethical aspects of NGS at the intersection of research and clinics.  
*(Eva Winkler, Heidelberg, Germany)*

20.30 Future trends, a discussion.  
*(Johan den Dunnen, Leiden, The Netherlands)*

21.00 Close of meeting

