# EuroGentest 3rd International Scientific Symposium: "Moving Next Generation Sequencing into Diagnostics" Prague (Czech Republic) 7-8 March 2013

Recent advances in DNA sequencing methods allow us to determine the whole genome of patients at a reasonable cost. These so-called Next Generation Sequencing (NGS) methods were primarily used in research, however, the border between research and diagnostics in this context is becoming very vague. Introduction of NGS into clinical care, should be done carefully and presents some serious challenges to health care practice.

To join forces and confront these challenges EuroGentest organized its 3rd international symposium in Prague (Czech Republic), March 7-8, 2013, entitled: "**Moving Next Generation Sequencing into Diagnostics**", co-organised by Apogee-Net/CanGeneTest. The goal was to bring together all stakeholders in the discussion: geneticists, lab specialists, bio-informaticians, health practitioners, counsellors etc… in the field of next generation sequencing. More than 300 participants registered for the meeting coming from all over Europa and far beyond. Gathered at the beautiful OREA Pyramida hotel in Prague, interesting presentations and lively discussions were held on these three major topics:

- Technological and quality issues of NGS,
- Health technology assessment of NGS,
- Incidental findings in the clinic through the use of genome sequencing

The great interest in this symposium and the active contribution of the participants during discussion rounds, clearly show us that we are all facing the same challenges and that a useful framework of guidelines and recommendations regarding NGS in diagnostics is urgently needed. This will allow us to use the major advantages of this technology to achieve our common ultimate goal: better care for the patient with rare diseases.

http://www.eurogentest.org/web/db/event/902/index.xhtml