

# Clinical Implications of Arrays & Next Generation Sequencing Technologies

SNP Arrays & NGS have become routinely used in the clinical environment. There are still many questions about the way these technologies will change the way genetics will be practiced in the near future in the clinic. Illumina is committed to providing such tools, from genome-wide analysis to low-multiplex target validation.

This first seminar dedicated to the Clinical community will bring you compelling updates on new tools for genetic analysis from Illumina and presentations from scientists using Illumina technology, to power their clinical research.

MONDAY, MAY 10TH, 2010

Paris Marriott Rive Gauche Hotel  
& Conference Centre  
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\*Register early to secure a seat as space is limited.

| SEMINAR SCHEDULE |  |
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| 09.15            | Registration – Welcome Coffee  |
| 10.00            | Introduction to Agenda<br>Caroline Thureau, Diagnostics Illumina   |
| 10.10            | What's New in Sequencing : A Sequencing System adapted to your Needs<br>Marco Cappelletti, Illumina                  |
| 10.50            | A genomic approach to Sudden Cardiac Death<br>Richard Redon, Ph.D, INSERM, Nantes France                             |
| 11.30            | Integrating Clonal Sequencing into a Healthcare Diagnostic Setting<br>Graham Taylor, PhD FRCPATH, IMM Leeds UK       |
| 12.10            | Exome Sequencing as a promise for next generation clinical research<br>Emmanuel Martin, PhD, IntegraGen, Evry France |
| 12.50            | Buffet Lunch   |

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| <b>14.30</b> | <b>An overview of Illumina's Microarrays Product used in Clinical Settings</b><br><b>Caroline Thureau, Diagnostics Illumina</b>   |
| <b>15.00</b> | <b>Can we use microarray-based profiling in a routine workflow for the diagnostic / prognostic of everyday patients with acute myeloid leukaemia?</b><br><b>Philippe Guardiola, Ph.D., Transcriptome &amp; Epigenomics Angers University Hospital, France</b> |
| <b>15.40</b> | <b>Analysis of patients suffering from mental deficiency &amp; epileptic encephalopathy using Illumina SNPs arrays</b><br><b>Boris Keren &amp; Christel Depienne, Ph.D, Hospital Pitie Salpêtrière, Paris France</b>  |
| <b>16.20</b> | <b>Conclusion</b>   |