

TECHNICAL SEMINAR

The use of microspheres and nanospheres in diagnostics and life sciences: technologies and applications

September 27

11:30 a.m. – 1:30 p.m.

Registration and Lunch Buffet

1:30 p.m. – 6:00 p.m.

Conferences

Conference chair: **Prof. Heinrich Hofmann, EPFL, Lausanne, Switzerland**

Nanoparticles as a diagnostic tool: applications, opportunities and challenges

1. Magnetofection: magnetic nanoparticles assisted gene delivery
Dr. Cédric Sapet, Oz Bioscience, France
2. New microsphere surfaces for ease of use and high quality biomolecule coupling
Dr. Richard Vidal, Merck Millipore, France
3. Diagnostic antibodies and blockers— from evaluation to bulk supply
Mr. Mark McCurley, Merck Millipore, UK
4. Validation of biomagnetic separation processes: key aspects for improving IVD kits reproducibility
Dr. Lluís M. Martínez, SepMag, Spain
5. Particle science at Roche Diagnostics
Dr. Jens Bolle, Roche Diagnostics GmbH, Germany
6. Estapor magnetic microspheres in clinical diagnostics
Mr. Laurent Collignon, Biorad, France

DATE: September 27 and 28, 2012

LOCATION:

Hotel Forest Hill

28 ter Avenue Corentin Cariou

75019 Paris, France

Tel: +33 (0) 1.44.72.15.07

www.foresthill-hotels.com

Registration

For more information and to sign up, visit

www.millipore.com/estapor_seminar or contact

Audrey Leonard at audrey.leonard@merckgroup.com,

Annabelle Da Silva at annabelle.da.silva@merckgroup.com,

or Fabrice Sultan, PhD, at fabrice.sultan@merckgroup.com.

September 28

8:30 a.m. – 4:00 p.m.

Conferences

Conference chair: **Prof. Sergey Piletsky, Cranfield University, UK**

MIP nanoparticles (plastic antibodies), their use in diagnostics and other breakthrough applications

1. Troubleshooting lateral flow devices
Ms. Niamh Hennessy, Merck Millipore, Ireland
2. Rapid lateral flow diagnostics from design to clinical evaluation
Dr. Marc Leportier, IMaccess, France
3. Intelligent reader for quantitative lateral flow assays using magnetic beads technology
Dr. Mika Laitinen, Magnasense Technologies Oy, Finland
4. Automated and high sensitive immunoassays using latex particles in immunoturbidimetry technology
Dr. Jean Amiral, Hyphen Biomed, France

Conference chair: **Dr. Christine Vauthier, Université Paris Sud (Prof. Couvreur research group), France**

Nanoparticles for *in vivo* applications

1. Advanced size and zeta measurement avoiding black box in quality control
Mr. Michel Terray, Malvern, France
2. Quality control on coated microspheres: the use of quantitative flow cytometry
Dr. Philippe Poncelet, Biocytex, France
3. Microarray analytics with the Inca Bioanalytica System
Dr. Hans Sigrist, Arrayon Biotechnology SA, Neuchâtel, Switzerland
4. Kinetics of insulin adsorption from real time of measurements in a microfluidic chip
Dr. Antoine Pallandre, Université Paris Sud, France



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