

**First European Symposium of Biopathology and Molecular pathology**  
**Paris, France, June 14th and 15th 2012**

URL <http://symposium-biopathology.eu>

**Registration** : [http://en.symposium.eu.com/forms/Register\\_fl.html](http://en.symposium.eu.com/forms/Register_fl.html)

**Program** : [http://en.symposium.eu.com/Scientific-program\\_a22.html](http://en.symposium.eu.com/Scientific-program_a22.html)

This meeting will be dedicated to a rapidly emerging field of the clinical pathology: the study of tissular biomarkers, their integration to morphological diagnosis and the definition of molecular targets for targeted therapy.

**Main topics**

**- An introduction to biopathology**

- . Tissue biomarkers and targeted therapy (Pr Fabien Calvo, InCA, French National Cancer Institute)
- . Systems pathology: Emerging integrative pathology (Pr Manfred Dietel, La Charité Hospital, Berlin, Germany)
- . Tissue, tumors and theranostics: insights from the oncologist

**- Circulating tumor cells and metastasis**

- . Comparison of primary and metastatic melanoma by whole genome sequencing (Dr Samra Turajlic, London, UK)
- . Identification of metastasis of unknown origin using Cancer Type ID (Dr Jean-Marie bruey, BioTheranostics, San Diego, CA, USA)
- . Detection of circulating tumor cells (Pr Patrizia Paterlini, Necker Hospital, Paris, France)

**- Molecular pathology of main cancers: an update**

- . Molecular pathology of Colorectal cancer (Dr Inti Zlobec, Bern, CH)
- . Molecular pathology of Prostate cancer
- . Comprehensive clinical genotyping of lung cancers: new targets, new technologies, new challenges (Dr Mark Ladanyi, MSKCC, New York, USA)
- . Integrative molecular pathology of Breast cancer (Dr Hege Russnes, Institute for Cancer Research, Oslo, Norway)

**- Next-generation sequencing (NGS) in biopathology**

- . Whole oncogenome sequencing: is it sustainable? (Dr Laurent Alexandre, Charleroi, Belgium)
- . Targeted sequencing for germline and somatic analysis in cancer (Dr Eleanor Rattenberry, WMRGL, UK)
- . Next generation sequencing for molecular diagnosis in oncogenetics (Pr Nicolas Sévenet, Bordeaux, France)
- . Targeted NGS from FFPE in oncopathology (Pr Jean-Christophe Fournet, Paris, France)
- . Translocation identification by the NGS approach (Pr Olivier Delattre, Paris, France)

**- Gene amplification and somatic mutation analysis in clinical diagnosis**

- . Somatic mutation analysis in DNA from fine-needle aspiration (FNA) and formalin-fixed paraffin-embedded tissue (FFPE) (Pr Tom van Wezel, LUMC, Netherlands)
- . HER2 update
- . BRAF1 update
- . KiRAS/EGFR analysis from FFPE (Pr Jean-Christophe Sabourin, Rouen, France)

**- Morphological and Immunohistochemical assesement of tissue biomarkers**

- . Quantitative immunochemistry for tissue biomarkers (Dr Julian Beesley, HistoRx, Branford, CT, USA)
- . Raman 'optical biopsy' of human breast cancer (Pr Halima Abramczyk, Technical University of Lodz, Poland)
- . Tumor-infiltrating lymphocytes as a prognosis biomarker: "In situ immune response in colorectal cancer: In vivo veritas..." (Pr Franck Pages, Georges Pompidou European Hospital, Paris, France)
- . Confocal Laser Endomicroscopy in cancer detection (François Lacombe, Mauna Kea Technologies, Paris, France)

**- Tissue biomarkers at each floor**

- . Classification of neuroblastomas by arrayCGH (Dr Isabelle Janoueix, Institut Curie, Paris, France)
- . Translating miRNA discovery in plasma into biomarkers for early detection of colorectal cancers (Mr Soren Jensby Nielsen, Exiqon, Vedbaek, Denmark)
- . miRNAs as tissue and cancer biomarkers
- . Proteome: is it suitable for diagnostic pathology?

**- The emerging field of biopathology**

- . Ethical and legal issues of molecular pathology
- . Systems medicine and genome medicine: are we ready?
- . New therapeutic targets emerging from clinical cancer genomics (Dr M Ladanyi, MSKCC, New York, USA)

We advise you to [register](#) early (only 50 places remaining) at <http://symposium-biopathology.eu>

Connect to [Registration](#). Payment by [Paypal](#), bank transfer or check.

Informations: Pr Jean-Christophe Fournet, Hopital Necker, Paris  
E-mail: [jean-christophe.fournet@nck.aphp.fr](mailto:jean-christophe.fournet@nck.aphp.fr)

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