



## PUBLIC WORKSHOP

*Methodological aspects of biomarker discovery and validation:  
BIOMARGIN as a case study*

Organised by the BioMargin Consortium

February 21<sup>st</sup> 2017



BioPark  
11 Rue Watt  
Paris, France

## PROGRAMME

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10h10	Registration Welcome Coffee
10h20	Welcome by Pierre Marquet, scientific coordinator of the BioMargin Consortium
<b>10h30 - 11h40 Session I – Methodology of clinical studies and levels of evidence of biomarkers</b> (Chair: Marie Essig)	
10h30 – 10h50	Wilfried Gwinner, University of Hanover, Germany <i>Challenges in the assessment of the transplant</i>
10h50 – 11h20	Petra Reinke, Charité, Germany <i>Methodological and clinical aspects/issues of BIODRIM</i>
11h20 – 11h40	Pierre Marquet, Inserm, France <i>BioMargin Design and expected evidence of the outcomes</i>
<b>11h40 - 13h00 Session II – Nucleic acids as biomarkers: technical aspects and constraints</b> (Chair: Joost Schanstra)	
11h40 – 12h10	Ekkehard Schütz, Chronix Biomedical, Germany <i>Methodological considerations about cell-free DNA as a source of biomarkers</i>
12h10 – 12h30	Maarten Naesens, KULeuven, Belgium <i>Profiling and validation of mRNA biomarkers in blood and biopsies</i>
12h30 – 12h50	Dany Anglicheau, Hôpital Necker, France <i>Methodological issues of miRNA profiling and validation of miRNA biomarkers in different matrices</i>
<b>12h50 - 14h00 Lunch</b>	
<b>14H00 - 17H00 Session III – Mass spectrometry for proteomic and metabolomics biomarkers: methodology and clinical transfer</b> (Chair: Maarten Naesens)	
14h00 – 14h30	Vladimír Havlíček, Academy of Sciences of the Czech Republic, Czech Republic <i>From MSI to REIMS: meet interesting abbreviations in clinical mass spectrometry</i>
14h30 – 15h00	Anna Baud, UCL IRIS, UK <i>Protein biomarker discovery for translation to the clinic</i>
15h20 – 15h40	Inge Mertens, VITO, Belgium <i>Mass spectrometry based clinical proteomics as a tool for liquid biopsy biomarker discovery</i>
15h40 – 16h00	Jochen Metzger, MOS, Germany <i>Capillary electrophoresis-mass spectrometry for clinical diagnosis – A commercialization model based on proprietary methodology rather than a patented test</i>
16h00 - 16h30	Coffee Break
16h30 – 17h00	Short oral presentations: <i>Endogenous metabolic profiling as a fundament in personalized theranostics</i> Torbjörn lundstedt, AcureOmics, Sweden <i>The SWATH mass spectrometry technology as applied to urine peptidomics</i> François- Ludovic Sauvage, Inserm, France
17H00	End of meeting