



## Liquid biopsy, nanotechnology and photonics for precision oncology

*Closing event of the ULTRAPLACAD project*

**25<sup>th</sup> October 2018, Rome - Italy**

### Programme:

- 9:00 Registration**
- 9:15** Welcome from the hosting organizations and introduction
- 9:30** **Armando Bartolazzi** (Vice-Minister, Ministry of Health, Rome, Italy)
- 10:00** **Caterina Buonocore** (National Contact Point, Health, demographic change and wellbeing, APRE, Rome, Italy)
- 10:30** **Giuseppe Spoto** (ULTRAPLACAD coordinator, INBB consortium, University of Catania, Catania, Italy)  
*The ULTRAPLACAD project.*
- 10:50** **Jolanta Gore-Booth** (CEO, Europacoln, Salisbury, UK)  
*The European colorectal cancer patients organization*
- 11:10** **Patrice Milos** (President and CEO, Medley Genomics, Providence, USA)  
*Elucidating Tumor Heterogeneity: Importance for Disease Monitoring*
- 11:30** **Patrizio Giacomini** (IFO-Regina Elena National Cancer Institute, Rome Italy)  
*4P Oncology: the emerging role of Liquid Biopsy*
- 11:50 Lunch break**
- 13:20** **Francesca Spinella** (Scientific coordinator, Laboratorio GENOMA group s.r.l., Rome, Italy)  
*Genoma Group: new opportunities for oncology research*
- 13:40** **Roberto Gambari** (University of Ferrara, Ferrara, Italy)  
*Impact of circulating miRNAs in liquid biopsy of cancer*
- 14:00** **Andreas Weinhäusel** (Austrian Institute of Technology, Vienna, Austria)  
*Immunomics technologies using protein and peptide microarrays for antibody profiling*
- 14:20** **Jiří Homola** (Director, Institute of Photonics and Electronics of the Czech Academy of Sciences, Prague, Czech Rep.)  
*Plasmonic platform for high-throughput label-free biomolecular sensing*
- 14:40** **Jakub Dostalek** (Austrian Institute of Technology, Vienna, Austria)  
*Plasmonically enhanced fluorescence assays*
- 15:00** **Wolfgang Knoll** (Director, Austrian Institute of Technology, Vienna, Austria)  
*Electronic biosensing – an alternative to optics?*
- 15:20 Coffee break and exhibition**
- 15:40** **Chiraz Frydman** (Horiba France SAS, Palaiseau, France)  
*When SPRI method reaches its limits, coupling to others techniques can be of high interest*
- 16:00** **Jussi Hiltunen** (VTT Technical Research Center of Finland LTD, Oulu, Finland)  
*Mass-produced opto-fluidic sensors*
- 16:20** **Jurriaan Huskens** (Twente University, Enschede, The Netherland)  
*General-purpose, functionalized poly-L-lysine polymers as bio-sensing layers, and their use in DNA detection*
- 16:40** **Ulrich Jonas** (University of Siegen, Siegen, Germany)  
*Responsive Hydrogel Thin Films for Sensor Matrices*
- 17:00** **Roberto Corradini** (INBB Consortium, University of Parma, Parma, Italy)  
*Peptide Nucleic Acid (PNA) probes: selective, robust and modulable tools for sensor technologies*
- 17:20 Exhibition**