



# TOWARDS AN INNOVATION HUB ON EXTRACELLULAR VESICLES RESEARCH

Consiglio Nazionale delle Ricerche,  
Area della Ricerca di Milano, Via Alfonso Corti 12, MILANO  
*Auditorium*

May 9<sup>th</sup>, 2019

9:30 **Dr. Alessandro Gori** – ICRM-CNR, HYDROGEX project coordinator  
*Welcome and introduction*

## Opening Lecture

9:45 **Prof. Benedetta Bussolati** – Università di Torino; President of the Italian Society for Extracellular Vesicles (EVIta)  
*Therapeutic effect of stem cell-derived extracellular vesicles*  
*EVIta : the Italian Society for Extracellular Vesicles*

## A technological hub competing in Europe – Chair: Marina Cretich (ICRM-CNR)

10:20 **Prof. Paolo Bergese** – Dip. Medicina Molecolare e Traslazionale, Università di Brescia; CSGI, Sesto Fiorentino; coordinator H2020 FETOPEN evFOUNDRY project  
*The extracellular vesicles foundry*

10:50 **Dr. Marcella Chiari** – ICRM-CNR; coordinator of H2020 FETOPEN INDEX project  
*Integrated nanoparticle isolation and detection system for complete on-chip analysis of exosomes*

11:20 **Coffee Break**

## Towards EV-based liquid biopsy – Chair: Alessandro Gori (ICRM-CNR)

11:45 **Dr. Natasa Zarovni** – Exosomics S.p.A., Siena  
*The long and winding road to liquid biopsy – where do we stand?*

12:10 **Dr. Riccardo Vago** – Università Vita e Salute San Raffaele, Milano  
*Role of extracellular vesicles in cancer: from tumor development to therapeutic implications*

12:35 **Dr. Greta Bergamaschi** – ICRM-CNR, Milano  
*Peptide hydrogels for bioanalytic applications*

13:00 **Light lunch**

Sponsor presentation – Chair: Marina Cretich (ICRM-CNR)

14:00 **Dr. Roberto Santoliquido** – ALFATEST Srl, Milano  
*EVs tracking by Nanoparticles Tracking Analysis and Super Resolution Microscopy*

Extracellular vesicles into the clinic – Chair: Marcella Chiari (ICRM-CNR)

14:20 **Dr. Marzia Bedoni** – LABION, IRCCS Fondazione Don Carlo Gnocchi, Milano  
*Biophotonic platforms for the detection of extracellular vesicles in neurological diseases and rehabilitation treatment*

14:55 **Dr. Daisy Sproviero** – IRCCS Fondazione Istituto Neurologico Nazionale C. Mondino, Pavia  
*Extracellular vesicles in neurodegenerative diseases: a new class of biomarkers*

15:20 **Prof. Marina Camera** – Università degli Studi di Milano; IRCCS Centro Cardiologico Monzino, Milano  
*Circulating microvesicles signature: new perspective for diagnostic, prognostic and pharmacological management in cardiovascular disease*

15:45 Wrap up and discussion

16:15 Kick off meeting - HYDROGEX (restricted to partners)

Registration (name and affiliation) is free but **required** at: [tea.odinolfi@gmail.com](mailto:tea.odinolfi@gmail.com) ;  
**Registration deadline:** April, 30<sup>th</sup>

Organizers:

Alessandro Gori – ICRM-CNR

Marina Cretich – ICRM-CNR



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