



TOWARDS AN INNOVATION HUB ON EXTRACELLULAR VESICLES RESEARCH

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

May 9th, 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 ;
Registration deadline: April, 30th

Organizers:

Alessandro Gori – ICRM-CNR

Marina Cretich – ICRM-CNR



The following funding agencies and sponsors are gratefully acknowledged for support:

- **INDEX:** European Union's Horizon 2020 research and innovation programme under grant agreement No 766466
- **HYDROGEX:** Avviso congiunto per la concessione di contributi a sostegno del trasferimento della conoscenza nel settore dei Materiali avanzati; Fondazione Cariplo & Regione Lombardia; rif. 2018-1720

