



UNIVERSITÀ DEGLI STUDI
DI MILANO
DIPARTIMENTO DI CHIMICA



TRAINING EVENTS GLYCOVAX and NANOCARB networks

VACCINE FORMULATION AND NANOTECHNOLOGY

Aula Magna CNR Research Area, via Corti 12, Milan – 15-16 May 2019

Wednesday, 15th May 2019

- 09.00 - 09.30 Introduction on Vaccines and Nanotechnology
(Luigi Lay, University of Milan; Laura Polito, ISTM-CNR)
- 09.30 – 10.15 Vaccines formulation: an overview
(Francesco Berti, GSK Vaccines)
- 10.15 - 11.00 Synthetic multivalent ligands for biomacromolecule targeting
(Francesco Sansone, University of Parma)
- 11.00 - 11.30 *Coffee break*
- 11.30 - 12.15 OMV and Carriers
(Francesca Micoli, GSK Vaccines)
- 12.15 – 13.00 Discovery of new generation of adjuvants and delivery of adjuvanted vaccines
(Barbara Christiane Baudner, GSK Vaccines)

Thursday, 16th May 2019

- 9.00 – 9.45 Cancer treatment: hurdles and hopes from a clinician's perspective
(Luca Toschi, Humanitas Cancer Center)
- 9.45 – 10.30 Cancer nanotechnology: hopes and challenges
(Zeljka Kreptic, University of Salford Manchester)
- 10.30-11.00 *Coffee break*

- 11:00-11.20 Gold glyconanoparticles: smallest particles in biomedical use for targeted delivery to tumour and disease sites.
(Africa Barrientos, Midatech Spain)
- 11:20-11:40 Lost in translation, nanoparticle characterization in biological fluid
(Marco Monopoli, Department of Chemistry - RCSI)
- 11.40 – 12.00 *In vitro – in vivo* implementation of the preclinical studies in nanomedicine
(Paolo Bigini, Istituto di Ricerche Farmacologiche "Mario Negri")
- 12.00-12.20 Biological activity of glycans
(Daniel Spencer, Ludger Limited)
- 12.20 - 12.50 The market of drugs: light and shadow
(Silvio Garattini, Istituto di Ricerche Farmacologiche "Mario Negri")
- 12.50 – 13.00 Closing remarks
(Luigi Lay, University of Milan)