

FIRST CA17140 TRAINING SCHOOL

April 8-11 2019, Room C2, Building H3, University of Trieste (UniTS), Trieste, Italy

PROGRAM

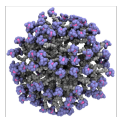
Monday, April 8 2019

- 8:45 – 9:00 am **Welcome address**, *Profs. Maurizio Fermeglia*, Rector of UniTS and *Ilaria Garofolo*, Head of the Department Engineering and Architecture (DEA) at UniTS
- 9:00 – 11:00 am **Nanotoxicology and risk assessment in nanomedicine**, *Dr. Federico Benetti*, Head of Ecsin Laboratory, Ecamricert srl, Padua, Italy
- 11:00 – 11:15 am Coffee break in lecture room
- 11:15 – 13:15 pm **Designing nanomaterials for cancer cell targeting in therapeutics and diagnostics**, *Prof. Helena Tomas*, Madeira Center for Chemistry (CQM), University of Madeira, Madeira, Portugal
- 13:15 – 14:30 pm Lunch in the foyer, Building H3
- 14:30 – 16:30 pm **Computer-assisted design of nanomedicine for cancer therapeutics and diagnostics**, *Prof. Sabrina Pricl*, Molecular Biology and Nanotechnology Laboratory (MoIBNL@UniTS), DEA, University of Trieste, Trieste, Italy
- 16:30 – 16:40 pm Coffee break in lecture room
- 16:40 – 17:40 pm **Questions and answers (Q&A), further hands on activities, all trainers**

Tuesday, April 9 2019

- 9:00 – 11:00 am **Challenges of scale-up and GMP manufacturing of nanoparticles**, *Dr. Nazende Günday-Türelı*, Team Leader, Research and Development, MJR PharmJet GmbH, Überherrn, Germany
- 11:00 – 11:15 am Coffee break in lecture room
- 11:15 – 13:15 pm **Insights into the challenges of R&D projects in the nanomedicine field and the need of a thorough follow-up and management**, *Dr. Johanna K. Scheper*, Project Manager, Center of Biomedical Research – Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN), Madrid, Spain
- 13:15 – 14:30 pm Lunch and poster viewing in the foyer, Building H3
- 14:30 – 16:30 pm **Safe-by-design approach to foster clinical translation of nano-enabled medical products**, *Dr. Ivana Vinković Vrček*, Analytical Toxicology and Mineral Metabolism Unit, Institute for Medical Research and Occupational Health, Zagreb, Croatia
- 16:30 – 16:40 pm Coffee break in lecture room
- 16:40 – 17:40 pm **Questions and answers (Q&A), further hands on activities, all trainers**
- 20:00 pm Social dinner





Wednesday, April 10 2019

- 9:00 – 11:00 am **Decision making on nanomedicines preclinical *in vivo* studies**, *Prof. Rana Sanyal*, Department of Chemistry, Center for Life Sciences and Technologies, Bogazici University, Istanbul, Turkey
- 11:00 – 11:15 am Coffee break in lecture room
- 11:15 – 13:15 pm **Chemico-physical characterization of nanomedicines**, *Prof. Maria Francesca Ottaviani*, Laboratory of Physical Chemistry, Department of Pure and Applied Sciences (DiSPeA), University of Urbino Carlo Bo', Urbino, Italy
- 13:15 – 14:30 pm Lunch and poster viewing in the foyer, Building H3
- 14:30 – 16:30 pm **Microfluidics technology to fabricate nanomedicines for biomedical applications**, *Prof. Helder Santos*, Division of Pharmaceutical Chemistry and Technology, Faculty of Pharmacy, and Helsinki Institute of Life Science, University of Helsinki, Finland
- 16:30 – 16:40 pm Coffee break in lecture room
- 16:40 – 17:40 pm **Questions and answers (Q&A), further hands on activities**, *all trainers*

Thursday, April 11 2019

- 9:00 – 11:00 am **Translational aspects of nanomedicines in cancer**, *Prof. Carlo V. Catapano*, Department of Tumor Biology and Experimental Therapeutics, Institute of Oncology Research (IOR) and Università della Svizzera italiana (USI), Bellinzona, Switzerland
- 11:00 – 11:15 am Coffee break in lecture room
- 11:15 – 13:00 pm **CA17140 TS Keynote lecture:**
Cryo-TEM and other imaging techniques to characterize nanomedicines, *Prof. Dganit Danino*, Self Assembly and CryoEM Laboratory of Soft Matter, Technion - Israel Institute of Technology, Haifa, Israel
- 13:00 – 15:00 pm Lunch in the foyer, Building H3, School closing and farewell

