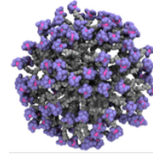




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COST ACTION CA 17140  
**NANO2CLINIC**  
CANCER NANOMEDICINE - FROM THE  
BENCH TO THE BEDSIDE

**COST ACTION CA 17140 – NANO2CLINIC:  
Cancer Nanomedicine - from the Bench to the Beside  
Working group 3**

**Preclinical Development of Cancer Nanomedicines:  
State of the Art and Future Perspectives**

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Institute of Oncology Research-IOR, Via Chiesa 5, Bellinzona (CH)

**Thursday, March 24<sup>th</sup> - Morning session**

Seminar room, ground floor

**9:30-10:00** - Welcome & Introduction  
Carlo Catapano, Bellinzona (CH)

**10:00-10:30** - Design and optimization of nanomedicines  
Bruno Sarmento, Porto (PT)

**10:30-11:00** - Nanomedicines targeting cancer stem cells  
Simo Schwartz, Barcelona (ES)

Break

**11:15-11:45** - Potential applications and design of protein delivery systems  
Francesco Cellesi, Milano (IT)

**11:45-12:15** - Short presentation/paper discussion:  
Mouse models for preclinical development  
Gianluca Civenni, Bellinzona (CH)  
Nanoparticle uptake and distribution  
Jessica Merulla, Bellinzona (CH)

**12:30-14:00** - Lunch at *Grottino Ticinese* (located near IOR)

**Thursday, March 24<sup>th</sup> - Afternoon session**

Seminar room, ground floor

**14:30-15:00** - Covid, cancer and brain diseases: nanomedicine hype  
Giovanni Tosi, Modena (IT)

**15:00-15:30** - Peptide-targeted nanoparticles for drug delivery  
Tambet Teesalu, Tartu (EE)

**15:30-16:00** - Adenoviral-based therapies  
Mariangela Garofalo, Padova (IT) - online presentation

Break

**16:15-16:45** - Short presentation/paper discussion:

Targeting of non-cancer cells in the tumor microenvironment  
Valeria Uboldi, Bellinzona (CH)

Computational platforms and nanomedicine  
Giada Sandrini, Bellinzona (CH)

**16:45-17:15** - Tissue-specific human induced pluripotent progenitor cells for early stage anti-cancer stem cell drug development  
Ulf Kahlert, Magdeburg (DE)

**17:15-18:00** - General discussion

**19:30-22:00** - Dinner at *Ristorante Internazionale* (same location as the hotel)

### **Friday, March 25th - Morning session**

Seminar room, ground floor

**9:30-10:00** - Extracellular vesicles as drug delivery systems  
Simo Schwartz, Barcelona (ES)

**10:00-10:30** - Nanoparticles as therapeutic options in central nervous system diseases  
Valentin Cena, Albacete (ES) - online presentation

**10:30-11:00** - mRNA targeting nanomedicines in castration-resistant prostate cancer: from cell signaling to personalized therapy  
Palma Rocchi, Marseille (FR) - online presentation

Break

**11:15-11:45** - 3D models and preclinical development of nanomedicines  
Bruno Sarmento, Porto (PT)

**11:45-12:15** - Short presentation/paper discussion:

Nanoparticle-mediated mRNA delivery  
Alessia Cacciatore, Bellinzona (CH)

Extracellular vesicles, cancer and therapeutic applications  
Domenico Albino, Bellinzona (CH)

**12:30-14:00** - Lunch (catering)

### **Friday, March 25th - Afternoon session**

Meeting room, North-West side, 2<sup>nd</sup> floor

**14:30-15:30** - Open discussion/Additional topics  
Carlo Catapano, Bellinzona (CH)

**15:30-17:30** - Wrap-up session/report preparation  
All participants