

1st Workshop on Radio- and Nano-oncology & EuroNanoMed3 RAIN meeting

Day 1 – Thursday 27th April 2023

Morning Session (THEATRE ROOM, CIMUS - USC)

8.30: Registration (CIMUS HALL)

09.00 – 09.15 Welcome by Mabel Loza, director of CiMUS & M. Garcia-Fuentes, RAIN project coordinator

Session 1: EuroNanoMed Actions - a CiMUS perspective (chair: Noémi Csaba)

09.15 – 09.45 Maria J. Alonso, University of Santiago de Compostela, “Our pathway to personalized nanotherapies in cancer”.

09.45 – 10.15 Marcos Garcia-Fuentes, Health Research Institute of Santiago de Compostela, “The Why’s of EuroNanoMed3 RAIN Project”.

10.15 – 10.30 Q&A and general discussion

10:30 – 11:00 Coffee

Session 2: Nano-oncology (chair: Marcos Garcia)

11.00 – 11.30 Alessio Malfanti, Université Catholique de Louvain, “Harnessing Hyaluronic Acid-Conjugates for Improved Glioblastoma Immunotherapy”

11.30 – 12.00 Hsieh-Chih Tsai, National Taiwan University of Science and Technology, “Design of thermal sensitive hydrogel for delivery of drug in cancer therapy”.

12.00 – 12.30 Noémi Csaba, Health Research Institute of Santiago de Compostela, “Nanocomplexes based on smart polymers for gene delivery”.

12.30 - 12.45 Q&A and general discussion

Day 2 – Friday 28th April 2023

Morning Session (THEATRE ROOM, CIMUS - USC)

09.25 Welcome by M. Garcia-Fuentes

Session 3: Nanocarriers & immunotherapy (chair: Bernard Gallez)

09.30 – 10.00 Pablo Hervella, Health Research Institute of Santiago de Compostela, “LDL-like nanoparticles for CAR-T based glioblastoma immunotherapy”.

10.00 – 10.30 Rosana Simon, University of Vigo, “Combined nanotherapeutic strategies to target the molecular oncogenic signature of pancreatic cancer.”

10.30 – 10.45 Q&A and general discussion

10.45 – 11.15 Coffee

Session 4: Radio- and immunoncology (chairs: Pablo Hervella & Rosana Simon)

10.45 – 11.15 Yolanda Prezado, Institut Curie, “Radiation to awake the immune system: new strategies”.

11.15 – 11.45 Long-Sheng Lu, Taipei Medical University Hospital, “Empowering precision cancer medicine with patient-derived organoids for paediatric brain tumors”

11.45 – 12.15 Diana M. Hernandez Palomino, University of Padova & Istituto Oncologico Veneto, “Screening of molecular targets involved in myeloid-derived immunosuppression in GBM tumor microenvironment”

12.15 – 12.30 Q&A and general discussion

Session 5: Translational perspective (chair: Dr. Long-Sheng Lu)

12.30 – 13.30 Roundtable: A translational perspective on glioblastoma treatment and drug innovation.

Mabel Loza, Fundación Kaertor

Pedro Reimunde (Hospital Universitario Lucus Augusti)

Shuiian-Yin Li, Industrial Technology Research Institute (Taiwan).

13.30 – 14.00 Closing remarks and farewell

14.00 Closing

Organization: Marcos Garcia-Fuentes, Noémi Csaba, Sara Gutierrez