
Monday, September 14, 2020

- 12:00 – 12:10 p.m. Opening Remarks and Announcements
- 12:10 – 12:45 p.m. Emerging Concepts from Immunotherapy Combinations (*Maria Karasarides, Ph.D., Vice-President, Head Early Assets & Biomarkers, WW Medical, Bristol Myers Squibb, MA*).
- 12:45 – 1:20 p.m. Emerging Nano- and Micro- Approaches for Cancer Immunotherapy (*Andrew Wang, M.D., Associate Professor, Department of Radiation Oncology, School of Medicine, UNC-CH*).
- 1:20 – 1:35 p.m. Break**
- 1:35 – 2:10 p.m. Nanoparticles for Immunotherapy and TME Modulation (*Leaf Huang, Ph.D., Fred Eshelman Distinguished Professor, Division of Pharmacoengineering and Molecular Pharmaceutics, Eshelman School of Pharmacy, UNC-CH*).
- 2:10 – 2:45 p.m. Identification of a Novel LNP Delivery System for a COVID-19 Self-Amplifying mRNA Vaccine and Enabling Rapid Development Using Microfluidics (*Andrew Geall, Ph.D., Chief Scientific Officer, Precision NanoSystems, CA*).
- 2:45 – 3:20 p.m. Challenges in Evaluation of Nanomedicine PK (*Stephan Stern, Ph.D. DABT, Laboratory Co-Director, Director of Research and Development, Nanotechnology Characterization Laboratory, MD*).
- 3:20 – 4:00 p.m. Speakers' Roundtable Discussion**
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Tuesday, September 15, 2020

- 12:00 – 12:10 p.m. Opening Remarks and Announcements
- 12:10 – 12:45 p.m. PK, MNS and Tumor Accumulation of Nanoparticles (*William Zamboni, Pharm.D., Ph.D., Associate Professor, Division of Pharmacotherapy and Experimental Therapeutics, Eshelman School of Pharmacy, UNC-CH*).
- 12:45 – 1:20 p.m. Advanced Nanoparticles Characterization with Zetaview Nanoparticles Tracking Analysis (*Olesia Gololobova, Ph.D., Research Specialist, Nanomedicines Characterization Core Facility, UNC-CH*).
- 1:20 – 1:35 p.m. Break**
- 1:35 – 2:10 p.m. Applications of Field-Flow Fractionation for Characterization of Nanomedicine (*Robert Reed, Ph.D., Sales and Applications Specialist, Postnova Analytics, UT*).
- 2:10 – 2:45 p.m. CMC Considerations and Clinical Translation for Nanoparticle Vaccines (*Shyam Rele, Ph.D., Principal Advisor, Biomedical R&D and Emerging Technologies, MITRE, VA*).
- 2:45 – 3:20 p.m. Immunological and Immunogenic Properties of Nanoparticles (*Marina Dobrovolskaia, Ph.D., MBA, PMP, Laboratory Co-Director, Director of Operations, Nanotechnology Characterization Laboratory, MD*).
- 3:20 – 4:00 p.m. Speakers' Roundtable Discussion**
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