

MLZ Conference 2021: Neutrons for Life Sciences

Wednesday, 9 June 2021

Drug design and delivery (09:00 - 10:30)

-Conveners: Luigi Paduano

time	[id] title	presenter
09:00	[81] Structural Investigation of Lipid Nanoparticles is key for Successful mRNA Delivery	Dr YANEZ-ARTETA, Marianna
09:30	[57] Structural characterization of mRNA - lipid nanoparticle upon pH changes: a SANS study	SEBASTIANI, Federica
09:50	[1] Neutron capture produced radioisotopes for diagnostics and therapy - opportunities and challenges.	PETRY, Winfried
10:10	[3] Treating cancer with neutrons – Options for Boron Neutron Capture Therapy	SAUERWEIN, Wolfgang

Thursday, 10 June 2021

Drug design and delivery (17:20 - 18:00)

-Conveners: Olaf Holderer

time	[id] title	presenter
17:20	[16] Linking cell uptake to self-assembled block co-polymer nanoparticle morphology – small angle scattering studies	GARVEY, Christopher
17:40	[67] Nanoscale morphology of thermoresponsive double hydrophilic block copolymers in aqueous solutions: impact of block length asymmetry and temperature effects	Dr VAGIAS, Apostolos