

MLZ Conference 2021: Neutrons for Life Sciences

Tuesday, 8 June 2021

Biological membranes, surfaces and interfaces (10:30 - 12:00)

-Conveners: Giovanna Fragneto

time	[id] title	presenter
10:30	[69] Antibacterial toxin binding to receptor lipids revealed by neutron reflection	Dr PARACINI, Nicolo
10:50	[29] New insights into the interaction of Class II dihydroorotate dehydrogenases with ubiquinone in lipid bilayers as a function of lipid composition	OROZCO RODRIGUEZ, Juan Manuel
11:10	[83] Protein Dynamics in Complex Environments	SCHREIBER, Frank
11:40	[50] The structure of KRas at the membrane – simulation and experiment.	HEINRICH, Frank

Wednesday, 9 June 2021

Biological membranes, surfaces and interfaces (17:10 - 17:50)

-Conveners: Sebastian Jaksch

time	[id] title	presenter
17:10	[31] Modelling the collective dynamics of membrane multilayers and complex membranes	HAYWARD, Dominic
17:30	[40] JCNS Deuteration Service: What can we do for life sciences?	FRUHNER, Lisa

Thursday, 10 June 2021

Biological membranes, surfaces and interfaces (14:00 - 15:00)

-Conveners: Hanna Wacklin-Knecht

time	[id] title	presenter
14:00	[63] Not just a fluidifying effect: omega-3 phospholipids induce formation of non-lamellar structures in biomembrane	PADUANO, Luigi
14:20	[27] Translocation of non-ionic synthetic polymers through lipid membranes	KOSTYURINA, Ekaterina
14:40	[58] Endocytosis across scales	MAESTRO, Armando