

MLZ Conference 2021: Neutrons for Life Sciences

Tuesday, 8 June 2021

Neutron and complementary methods in biology (13:00 - 14:30)

-Conveners: Esko Oksanen

time	[id] title	presenter
13:00	[82] Mechanical plasticity of the ECM directs branch elongation in human mammary gland organoids	Prof. BAUSCH, Andreas
13:30	[75] Retrieving Myelin/Nerve Fibers in a Brain Section by Small Angle Scattering	Dr MAITI, Santanu
13:50	[78] XFEL and Neutron Diffraction Studies allow Determination of the Binding Environment of an Iron Binding Protein	TEWS, Ivo Dr HOUGH, Mike
14:10	[42] Life Science at the SNS Second Target Station	Dr COATES, Leighton

Friday, 11 June 2021

Neutron and complementary methods in biology (09:00 - 10:30)

-Conveners: **Henrich Frielinghaus**

time	[id] title	presenter
09:00	[72] Combining NMR, SAXS and SANS in integrative structural biology to study dynamics and allostery in protein complexes	SATTLER, Michael
09:30	[74] Complementary Methods: Molecular Dynamics and SANS	Dr SHVETSOV, Alexey
09:50	[20] ANSTO's National Deuteration Facility (NDF): A Molecular Deuteration Platform for Characterisation Studies in the Life Sciences	WILDE, Karyn
10:10	[43] DEMAX: the DEuteration and MACromolecular Xtallization platform of the ESS.	FISHER, Zoe