

MLZ Conference 2021: Neutrons for Life Sciences

Wednesday, 9 June 2021

Poster Session (13:00 - 15:00)

[id] title	presenter	board
[2] The impact of specific drug molecules on lipid bilayers	FRIELINGHAUS, Henrich	
[6] Mucin thin layers on top of model membranes: a model environment for delivery	RONDELLI, Valeria	
[10] Linking genes and membrane lipid composition to insights of the antifungal mechanism of Amphotericin B provided by neutron reflectometry	KNECHT, Wolfgang WACKLIN-KNECHT, Hanna	
[23] Influence of NaCl on Phospholipid membranes	JAKSCH, Sebastian	
[25] ON THE INTERACTIONS BETWEEN LACTOFERRIN AND β -LACTOGLOBULIN: A SMALL-ANGLE NEUTRON SCATTERING STUDY	Dr ANGHEL, Lilia	
[5] High-resolution neutron spin echo spectroscopy with the J-NSE "PHOENIX" at MLZ	HOLDERER, Olaf	
[32] Quantum cascade laser-based infrared spectrometer combined with small angle neutron scattering for life science applications	Dr DADFAR, Seyed Mohammad Mahdi	
[41] Macromolecular Neutron Diffraction at the Heinz Maier-Leibnitz Zentrum	Dr OSTERMANN, Andreas	
[84] Dynamics of IDP Histatin 5 probed by QENS and compared with simulation	FAGERBERG, Eric	
[22] Dynamics of apolipoprotein B-100 assessed by elastic incoherent neutron scattering	CISSE, Aline	
[68] In situ light scattering techniques at neutron instruments at the MLZ	SCHRADER, Tobias	
[19] Dynamical differences between polymorphs of lysozyme amyloid fibrils with different levels of cytotoxicity	Dr MATSUO, Tatsuhiro	
[39] Neutron crystal structure analysis of green fluorescent protein	ADACHI, Motoyasu	
[12] Effects of glassy matrices on the protein-like dynamical transition of PNIPAM	ROSI, Benedetta Petra	
[38] Studies of the localization of small molecules in self-assembled lamellae structures by neutron diffraction and molecular deuteration	GARVEY, Christopher	
[55] Neutron Diffractometer for Protein Crystallography at Cold Neutron Beam Line of JRR-3	Dr KURIHARA, Kazuo	
[60] Elucidating Melittin selectivity using complex cell membrane models	ANDERSSON, Jenny	
[11] LP3 and DEMAX	KNECHT, Wolfgang FISHER, Zoe	
[14] X-ray and Neutron Small Angle Scattering study of the non structural proteins nsp10 and nsp14 from SARS-CoV-2	LONGO, Marialucia	
[77] Understanding the reaction mechanism of chlorite dismutase: Characterizing protonation states of turnover-associated amino acid residues using neutron cryo-crystallography	SCHMIDT, Daniel	
[49] Monitoring in vitro human digestion of model food, a plant protein gel, using SANS"	BOUÉ, François NAPIERAJ, Maja	

[37] Organisation and dynamics of hemoglobin within mammalian red blood cells studied with neutron scattering	GARVEY, Christopher	
[59] Protein and water dynamics at the atomic level	RAMOS, Joao	
[15] Exploring dynamic processes in biological systems with SPHERES	Dr BERG, Marcella	
[47] KWS-2 – the Extended Q-Range High-Flux SANS Diffractometer for Life Sciences	RADULESCU, Aurel	
[71] Mechanisms of action for the supramolecular drugs: neutron study	ZABRODSKAYA, Yana	
[21] Following the diffusive processes during a non-classical protein crystallization via neutron spectroscopy	BECK, Christian	
[26] OBSERVING THE CONFORMATIONAL CHANGES OF HUMAN LACTOFERRIN USING SMALL ANGLE NEUTRON SCATTERING	ERHAN, Raul Victor	
[9] The direct geometry cold chopper spectrometer TOFTOF	WOLF, Marcell	
[48] Hydrogen bonding network running through protein kinase investigated by neutron crystallography	SHIBAZAKI, Chie	
[33] Development of DD Neutron Generator for life sciences and health	DUBEY, Rakesh	
[64] Temperature-induced structural changes of PNIPAM- from milliseconds to minutes	Ms MICHALSKA, Joanna	
[8] The Phase Behaviour of the Myelin Basic Protein	GRAF VON WESTARP, Igor	
[24] Molecular bases of proteome adaptation to High Pressure in extremophilic Archaea	CALIÒ, Antonino	
[44] Relationship between the protonation state of the substrate and the absorption spectrum in a mutant of the enzyme that synthesizes a photosynthetic pigment	Prof. UNNO, Masaki	
[45] Mechanism of disaccharide-induced protein stabilization from neutron scattering and modeling	SWENSON, Jan	
[86] Diffusive-like motions in a solvent free myoglobin-polymer hybrid revealed by neutron scattering and MD simulations	WEIK, Martin	