



# Bilayers at the ILL

## Wednesday, 11 December 2019

**Wine & cheese poster session - Chadwick Amphitheatre (18:00 - 21:00)**

[id] title	presenter	board
[60] Comparing molecular dynamics force fields in bacteria membranemModels	PEÓN, Antonio	
[17] Understanding the interactions between the intrinsically disordered peptide Histatin 5 and lipid bilayers, the effect of amino acid sequence and electrostatic interactions	ERIKSSON SKOG, Amanda	
[69] Interaction of DDAO surfactant with model membrane - liposome-micelle transition	GALLOVA, Jana	
[53] Understanding the interfacial structure of pulmonary surfactant films by neutron reflectometry	COLLADA MARUGÁN, Ainhoa	
[30] Quaternized chitosan oriented surfactant self-assembly complexes	DAI, Bin	
[37] How soap dissolves micelles: solubilisation kinetics of mixtures between anionic surfactants and block copolymer micelles	SYNNE MYHRE, Synne	
[55] Molecular dynamics simulations with cationic lipids	ERMILOVA, Inna	
[51] Interaction between human dihydroorotate dehydrogenase and coenzyme Q10 in model lipid bilayers	OROZCO RODRIGUEZ, Juan Manuel	
[6] How to use lipid models to instruct the design of antimicrobial peptides	JIAN, Lu	
[48] Purification and characterization of perdeuterated lipid mixtures for building biomimetic membranes	CORUCCI, Giacomo	
[56] Interaction between tethered bilayer membranes and misfolded proteins	BUDVYTYTE, Rima	
[64] Location of the general anesthetic n-decane in model membranes	HRUBOVCAK, Pavol	
[7] A model of tethered lipid bilayers using anchor-harpoon surfactants on designed electrodes	SQUILLACE, Ophelie	
[9] Effect of oxidised lipids on bilayer structure and deposition	GUSTAFSSON, Emil	
[14] Stability of supported lipid bilayers in high adhesive regime	BILOTTO, Pierluigi	
[26] Nanomechanical properties of synthetic and natural lipid bilayers through Atomic Force Microscopy (AFM): from Supported Lipid Bilayers (SLBs) to vesicles	RIDOLFI, Andrea	
[34] Understanding properties of bilayers from a study of solid surfactants	COCKCROFT, Jeremy K	
[27] Interaction of cellulose nanocrystals with lipid bilayers	NAVON, Yotam	
[59] Interactions of model membranes with surfactants and antimicrobial peptides studied by small-angle neutron diffraction.	ŽELINSKÁ, Katarína	
[22] Aescin-induced conversion of gel-phase lipid membranes into bicelle-like lipid nanoparticles	GEISLER, Ramsia	
[23] Metallacarboranes as non-amphiphilic detergents for lipid membrane solubilization	BAUDUIN, Pierre	
[65] Nanoscale lipid models to study membrane proteins	SUBRAMANIAN, Madhumalar	
[36] Functionalized membrane domains: an ancestral feature of Archaea	TOURTE, Maxime	

<b>[47] Advances in purification of perdeuterated lipid mixtures for building biomimetic membranes</b>	FRAGNETO, Giovanna	
<b>[57] Active fluctuations in model membranes</b>	MUKHINA, Tetiana	
<b>[58] Transmigration of non-ionic synthetic polymers through lipid membranes</b>	KOSTYURINA, Ekaterina	
<b>[61] Structural and functional characterization of a complex involved in lipid transport to mitochondria during plant adaptation to phosphate starvation</b>	LETERME, Sébastien	
<b>[62] NhaA protein incorporation in tethered lipid bilayer membranes studied by neutron reflectometry and impedance spectroscopy</b>	KOEHLER, Sebastian	
<b>[63] Calixarene "flowers" blossoming captured with cryoTEM imaging</b>	LENGWEILER (OPARA), Nadia	
<b>[66] Interdomain flexibility within NADPH oxidase revealed by SANS using LMNG stealth-carrier</b>	EBEL, Christine	
<b>[74] AMP monomers or aggregates - Which is more effective on antimicrobial: an insight from coarse-grained simulations and experiments</b>	LIAO, Mingrui	
<b>[75] A neutron reflectometry approach to investigate factors regulating the substrate specificity of the mitochondrial phospholipase - iPLA2-gamma</b>	CORUCCI, Giacomo	