

Poster Session I Monday 16:15 – 17:00 CET

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| 1 | Peter Adams
(online) | Lipid nanodiscs as a platform to study the timescale of energy transfer between Light-Harvesting membrane proteins and lipid-linked chromophores |
| 2 | Nima Aliakbarinodehi | Quantitative Characterization of lipid nanoparticle interactions with endosomal membrane mimics using single nanoparticle analytics |
| 3 | Jakob Andersson | Expanding the utility of tethered membrane systems |
| 4 | Fouzia Bano | Supported lipid bilayers for investigating the role of sulphation pattern on the interactions between human papillomavirus and cell surface glycosaminoglycans |
| 5 | Jörn Dietz | Colloidal Probe Force Spectroscopy - Probing membrane protein interaction and separate fusion intermediates in the context of SNARE-mediated membrane fusion |
| 6 | Gonen Golani | Fusion of virus and host membranes – the role of virus geometry and matrix proteins |
| 7 | Tim Heißenberg | A new approach to measure the ezrin-actin binding affinity to investigate the influence of ezrin on minimal actin cortices |
| 8 | Toni Hentrich | Polyphilic interactions of the small GTPase Arf1 with membranes |
| 9 | David Kleinheinz | Functional reconstitution of the insect odorant receptor coreceptor in a novel model membrane architecture |

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| 10 | Zachary Manzer | Cell-free synthesis of fully assembled and functional transmembrane proteins into supported lipid bilayers |
| 11 | Sophie Meredith
(online) | A comprehensive comparison of the photophysics of membrane-based fluorophores using “in-membrane electrophoresis” and patterned supported lipid bilayers |
| 12 | Sarmini Nageswaran | Structure and mechanics of strained membrane-bound vimentin filaments |