

Session Program

Jun 6 - 11, 2021



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

W4-8 Membrane Biophysics and Drug Delivery (DPMB) / Biophysique des membranes et administration de médicaments (DPMB)

Underline Conference System

Wed, June 9

4:45 PM

W4-8 Membrane Biophysics and Drug Delivery (DPMB) / Biophysique des membranes et administration de médicaments (DPMB)

Session | Location: Underline Conference System | Convener: Melanie Campbell

4:45 - 4:50 PM

(U*) The Effects of Resveratrol, Caffeine, β -Carotene, and Epigallocatechin Gallate (EGCG) on Amyloid-25-35 Aggregation in Synthetic Brain Membranes

Speaker

Isabella Gastaldo

4:50 - 4:55 PM

(U*) Curcumin and homotaurine suppress amyloid-b25-35 aggregation in synthetic brain membranes

Speaker

Xingyuan (Kate) Zou

4:55 - 5:00 PM

(G*) Diffusion in a membrane in the presence of immobile obstacles: the role of disorder

Speaker

Nicholas Ilow

5:00 - 5:05 PM

FUNCTIONAL AND FUNCTIONALIZED MEMBRANES

Speaker

Maikel Rheinstadter

5:05 - 5:10 PM

THE NANOSCOPIC BENDING RIGIDITY OF RED BLOOD CELL MEMBRANES

Speaker

Sebastian Himbert

5:10 - 5:15 PM

A Kinetic Monte Carlo Algorithm for Swelling Drug Delivery Systems

Speaker

Maxime Ignacio

5:15 - 5:20 PM

(G*) The Limits of Polymer Single File Dynamics: A phase diagram

Speaker

Hanyang Wang

5:30 PM