



SEMINAR SERIES

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Characterization of influenza matrix proteins at membrane surfaces

Influenza A viruses cause recurrent seasonal epidemics and global pandemics. There have been recent developments that provide new insights into how viruses assemble and then bud at the surface of infected cells. An atomic-level understanding of the viral assembly and budding process could lead to strategies to inhibit the replication of viruses and new tactics for inhibiting viral infectivity. Ongoing work on two matrix proteins critical to viral assembly will be presented. Our lab uses a range of biophysical methods, with a particular emphasis on site-directed spin labeling electron paramagnetic resonance spectroscopy (SDSL-EPR), to study the protein interactions at membrane surfaces.

Tuesday, March 15, 2022 ▪ 4:00 p.m.
Mara Auditorium (Masters Hall 110)

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