

The Biological and Biomedical Joint Seminar Series

(Hosted by the departments of Molecular & Cellular Biology, Chemistry & Biochemistry, Cellular & Molecular Medicine, and Plant Sciences)

“Phase separation by the nucleocapsid protein of SARS-CoV-2: good to the last drop!”

David Morgan

Professor

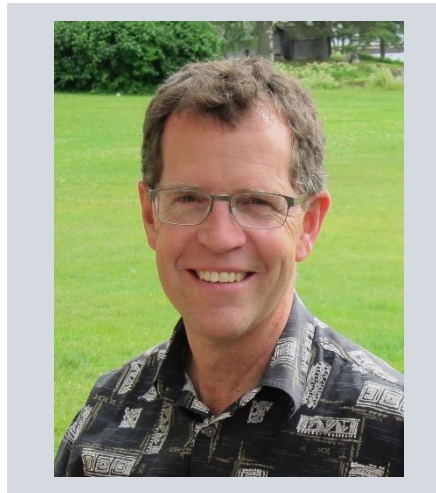
Physiology

University of California – San Francisco

Tuesday January 19th, 2021

Zoom Meeting @ IIAM

Hosted By: Ted Weinert (MCB)



I'll be discussing recent studies of the nucleocapsid (N) protein of SARS-CoV-2. We found that the N protein, together with viral RNA, forms gel-like biomolecular condensates and particles that are consistent with its genome packaging role. Phosphorylation transforms condensates into liquid-like droplets, which may provide a cytoplasmic compartment to support the protein's function in viral genome transcription.

Zoom Link:

<https://arizona.zoom.us/j/85848818129>

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