UCLA College | Physical Sciences
Chemistry & Biochemistry

Seminars in Chemical Biology

From bioorthogonal to biocatalytic chemistry: Probing virus-host interactions for antiviral pathways

Prof. John Pezacki

Professor and Chair

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Our lab uses different methods for the discovery of the molecular mechanisms by which different RNA viruses subvert human cells in order to discover strategies to block virus propagation. These include bioorthogonal chemistry, small molecule probes, activity-based protein profiling, and genetic code expansion techniques. The presentation will include examples from recent studies that illustrate how new methods can be used to uncover the molecular details driving virus-host interactions and chronic disease that results from such infections to facilitate the discovery of biological mechanisms and potential targets for therapeutic intervention.

Tuesday, April 23rd at 4:00pm

Mani L. Bhaumik Collaboratory,

Dongwon Yoo Seminar

& Conference Hall (Young Hall 4222)

This event is made possible by generous donations from our supporters and also through the gifts of the Bhaumik Centennial Collaboratory, Yoo Seminar & Conference Hall, Tsay Study Lab, and Centennial Collaboratory Donor Wall & Space Funds.

For more information contact Brandon Lindo, Brandonlindo@chem.ucla.edu