

CHEMSEM NEWS IV, Fall 2014

Ebola Virus Replication & Budding from Human Cells



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Dr. Robert Stahelin received his Ph.D. in chemistry from the University of Illinois-Chicago (UIC) studying the structural basis of lipid-protein interactions in health and disease. During postdoctoral work at UIC he investigated the mechanisms with which bioactive lipid signals recruit peripheral proteins in cell signaling and membrane trafficking.

Stahelin is Associate Professor of Biochemistry and Molecular Biology at the Indiana University School of Medicine-South Bend. He is also Adjunct Associate Professor of Chemistry and Biochemistry at Notre Dame. Since joining the faculty in 2006, Stahelin has received grants from the NIH, NSF, and American Heart Association. He serves on several journal editorial boards including Chemistry & Physics of Lipids, Current Drug Targets, and Journal of Biomembranes and Bioenergetics.

In 2013 he received an Indiana University Trustees Teaching Award and was named to the Michiana 40 under 40 class. His research group is currently investigating how the Ebola virus assembles at the plasma membrane of human cells to form the bud site for generation of a new viral particle.

ANDREWS UNIVERSITY CHEMISTRY & BIOCHEMISTRY

HALENZ HALL AMPHITHEATER (Thursday, September 25, 4:30 pm)