

Postdoctoral Position at Emory University

A postdoctoral position is available at the Emory University School of Medicine to study the mechanism of enveloped virus entry into cells and its inhibition by host restriction factors. Our group combines molecular and cell biology techniques and cutting-edge quantitative microscopy techniques, such as single particle tracking, TIRF and super-resolution microscopy. New directions include the use of single-molecule force probes to delineate the mechanics of virus-cell interactions and correlative fluorescence-cryo-electron microscopy (cryo-CLEM). The candidate will work closely with members of a collaborative interdisciplinary team and an enthusiastic mentor. Highly motivated individuals holding a Ph.D. degree in biophysics, cell biology, virology or related fields are encouraged to apply. Emory University provides an excellent training and collaborative environment for research and training. For more information regarding projects in the laboratory, please visit: <http://www.pediatrics.emory.edu/divisions/infectiousdisease/research/melikian/index.html> and <http://www.pedsresearch.org/research-group/melikian-lab>. Interested applicants should contact Dr. Gregory Melikian at gmeliki@emory.edu.