A Postdoctoral Position in the Fields of Virus Assembly and Virus-Cell Interactions

NIH-funded postdoctoral positions are available immediately in the laboratory of Dr. Akira Ono at the University of Michigan Medical School. We investigate the molecular mechanisms regulating assembly and exit of enveloped viruses, in particular HIV-1 and influenza A virus. A successful candidate will conduct projects related to one of the three topics (recent publications listed at the bottom):

1) Trafficking of viral proteins and RNA to the assembly sites at the plasma membrane

2) Interactions between viral and host molecules during virus assembly at the plasma membrane

3) Virion-incorporated host membrane components that promote or inhibit virus spread

We are looking for a recent or soon-to-be Ph.D. graduate who is highly motivated and has a strong background in cell biology, molecular biology, and/or virology. A background in RNA biology or advanced microscopy is preferred but not required. Experiences in HIV or influenza research are not required.

Our lab is located in the department that has a highly collegial atmosphere and offers state-of-the-art facilities. For a candidate with a strong interest in advanced quantitative microscopy, a joint appointment between Sarah Veatch’s lab (UM Biophysics) and the Ono lab can be arranged. For more information, please visit: https://sites.google.com/a/umich.edu/ono-lab/home and/or send inquiry emails to akiraono@umich.edu

To submit an application, please send a copy of CV and the names/email addresses of 2-3 references to:

Akira Ono, Ph.D., Professor, Department of Microbiology and Immunology,
University of Michigan Medical School
Email: akiraono@umich.edu

Our recent publications include:


Bedi, et al. A Defect in Influenza A Virus Particle Assembly Specific to Primary Human Macrophages. *MBio* 2018