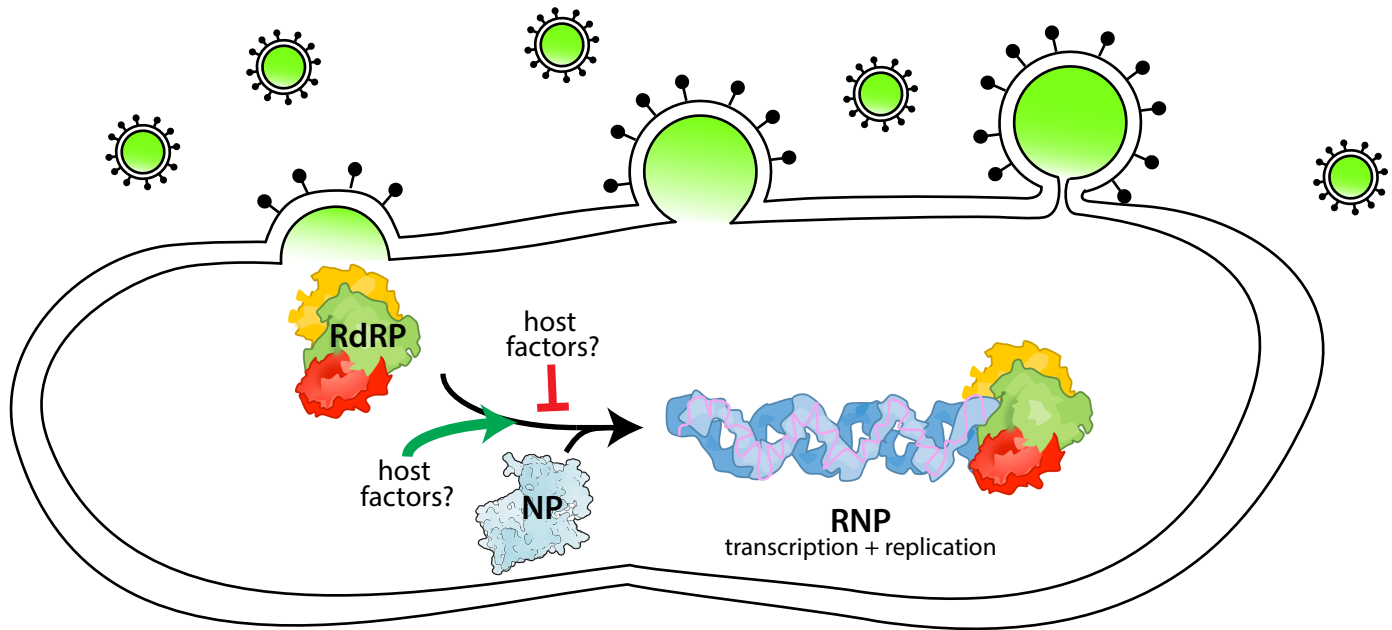


Postdoctoral Positions Studying Influenza Virus in the Mehle Lab



Interested in a post-doc studying virus:host interactions? Particularly interested in influenza virus?

The Mehle lab at the University of Wisconsin Madison is looking for highly motivated post-docs to join our team studying the viral replication machinery and the host factors that regulate expression of viral genes and replication of the viral genome. We seek to fill up to two NIH-funded positions.

Influenza virus exploits and subverts host processes while at the same time evading cellular antiviral responses. The balance between these pro- and antiviral forces influences the outcome of a viral infection and pathogenicity to the host. The Mehle Lab studies this battle with a focus on the influenza virus replication machinery. For one of these positions, we ask "How does influenza virus control when and where its replication machinery assembles, and how does this impact progression through the viral life cycle?" See Mondal, et al. 2015 PLoS Pathogens for progress we've made.

The field has made great advances in understanding host factors co-opted during infection, yet there remain large gaps in our knowledge. Moreover, this gap in knowledge is not unique to influenza virus, or viruses in general, but extends to most host:pathogen interactions. The second position will use novel genetic approaches to develop a universal experimental platform designed to identify host factors and their mechanisms that regulate infections.

Successful applicants will be scientifically ambitious with a strong record of published research success and a PhD or equivalent. Experience with influenza virus is not required, although a strong background in biochemistry, molecular biology or deep sequencing would be advantageous. UW-Madison is a leading research institute with over \$1.0 billion in research activity annually. Madison is well known for its large virology community, has an active postdoc community and embraces mentoring and career development. In addition, the town of Madison was moved to the top of the list as Livability's "Best City in America," with great access to outdoor activities, music, culture, politics, food and craft beer.

Send a CV and cover letter explaining your research interests to Andrew Mehle (amehle@wisc.edu). Reach out to @MehleLab or get more information at mehlelab.wordpress.com.