

# Virology at UW-Madison



The **Institute for Molecular Virology (IMV) at the University of Wisconsin-Madison** is pleased to announce a Provost-sponsored multicomponent new faculty hiring initiative for 2019. IMV is the flagship collective for virus research on our campus, administering and leading the Madison Virology Program (MVP), a union of over 30 world-class researchers with virology as their united focus. All classes of viruses are represented in our combined research portfolio, and the MVP research footprint covers more than a dozen departments and research institutes in the College of Agricultural and Life Sciences, the School of Medicine and Public Health, the School of Veterinary Medicine, and the College of Engineering. The breadth and depth of our combined programs makes UW-Madison internationally renowned in virology and unparalleled in our support for student/postdoctoral researchers and faculty.

The two complementary positions seek applicants within the widely defined research arenas of RNA and DNA virology. Preferred candidates for either position should have a unique, yet unifying research focus on how the structure, sequence or modification of viral protein-bound nucleic acid complexes, RNA or DNA, help dictate biological function or virus-host interactions.

**The RNA virology faculty position** seeks tenure-track Assistant Professor (**PVL #96205**) applicants and carries State-funded 9-12 month UW salary support. Candidates must have a PhD in a biological or relevant physical science. The favored research areas are very broad, including RNA structure or RNA biology in the context of viral infection and virus-host interactions, particularly RNA viruses of medical or veterinary importance.

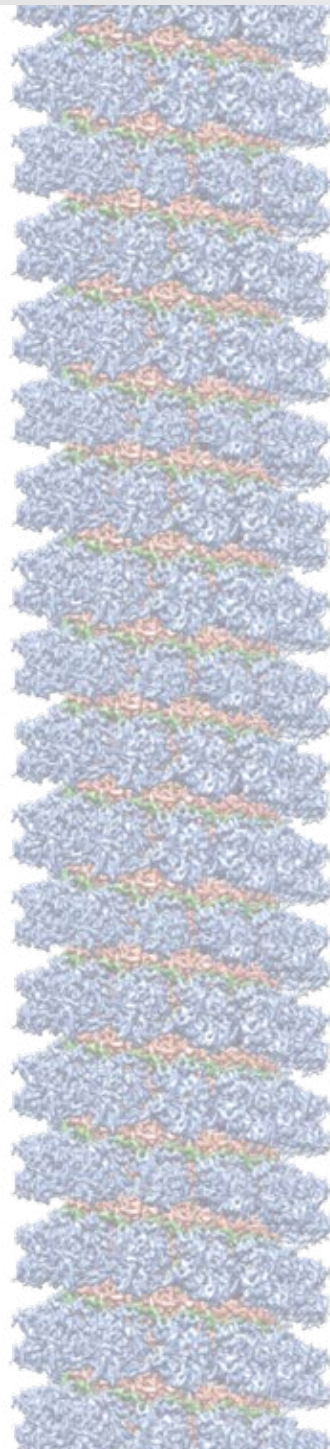
**The DNA virology faculty position** seeks tenured or tenure-track Assistant or Associate Professor applicants and carries State-funded 12 month salary support. Candidates must have a PhD in a biological or relevant physical science (**PVL #98543**), or an MD (**PVL #98569**). The favored research areas are linked to DNA virus biology, and include, but are not limited to, viral DNA 3D structure or epigenetic modification, or links between DNA viruses and antiviral defenses including intrinsic, innate, or adaptive immunity, particularly from viruses related to cancer biology.

Successful applicants for either position will have a productive record of established scholarship of national and international significance in RNA or DNA virology, with interests furthering studies in RNA/DNA structural analysis (e.g. CryoEM), epitranscriptomics, RNA/DNA-protein interactions, or viral pathogenesis. Candidates should also demonstrate an ability to work in a collaborative, interdisciplinary research and teaching environment.

The primary department affiliation and tenure home will be determined based on research scope with significant input from the candidate. UW-Madison is a world-class academic institution ranking among the top institutions in the nation in science and engineering expenditures, which are over \$1 billion and growing. The city of Madison provides a vibrant, culturally rich environment consistently ranked highly in national surveys for quality of life.

*UW-Madison is an equal opportunity/affirmative action employer.*

*We promote excellence through diversity and encourage all qualified individuals to apply.*



**IMV**

The Institute for  
Molecular Virology

