

Postdoctoral Position in RNA-based Mechanisms of Antiviral and Antitumor Immunity

A Postdoctoral position is available within the Karijovich laboratory at the Vanderbilt University School of Medicine. The laboratory is within the Departments of Pathology, Microbiology, and Immunology (PMI), and Biochemistry. We are also affiliated with the Vanderbilt-Ingram Cancer Center (VICC), Vanderbilt Center for Immunobiology (VCI), and the Vanderbilt Institute for Infection, Immunology, and Inflammation (VI4).

The laboratory is broadly interested in the molecular biology of oncogenic viral infections with a focus on RNA-based mechanisms of antiviral and antitumor immunity. Topics of interest to the lab include innate immune sensing of double-stranded RNA, co-option of transposable elements in infection and immunity, transcriptional and post-transcriptional regulation of gene expression, and RNA modification and structure during infection. Our work is multidisciplinary and combines RNA biochemistry, immunology, virology, and high-throughput sequencing and proteomic approaches. The laboratory is well funded with grants from the National Institutes of Health, American Cancer Society, and Pew Charitable Trusts Foundation.

Candidates must have or plan to have a Ph.D. and should possess expertise in molecular and cellular biology. Applicants with experience processing and analyzing high-throughput sequencing data are strongly encouraged to apply. To apply, please send CV, brief statement of research experience/interests and contact information for at least two references.

Please submit applications to: John.karijovich@vanderbilt.edu

John Karijovich, Ph.D.

Assistant Professor

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