**Research focus: Virology**

**Sumita Bhaduri-McIntosh, M.D., Ph.D.**  
sbhadurimcintosh@ufl.edu  
Cancer; Epstein-Barr; immune response; Bcell; herpesvirus

**David C. Bloom, Ph.D.**  
dbloom@ufl.edu  
Molecular pathogenesis of herpesviruses; role of RNAs and miRNAs on latency and reactivation

**Shannon E. Boye, Ph.D.**  
shaire@ufl.edu  
(AAV) for the treatment of inherited retinal disease

**Ashley N. Brown, Ph.D.**  
Ashley.Brown@medicine.ufl.edu  
Therapeutic regimens for antiviral compounds active against viruses

**Barry J. Byrne, M.D., Ph.D.**  
bbyrne@ufl.edu  
Cardiovascular gene therapy; adeno-associated viral vectors

**Rhoeo Dinglasan, Ph.D., M.P.H.**  
r dinglasan@epi.ufl.edu  
Biology of Malaria, Dengue, Zika, yellow fever, COVID-19; vaccine development

**James B. Flanegan, Ph.D.**  
flanegan@ufl.edu  
Molecular biology and genetics of RNA virus replication; poliovirus

**Jacqueline A. Hobbs, M.D., Ph.D.**  
jahobbs@ufl.edu  
AAV for the treatment of brain and thyroid disorders

**Nicole M. Iovine, M.D., Ph.D.**  
nicole.iovine@medicine.ufl.edu  
Innate defense against Influenza, SARS, Cov2 and Zika

**Shouguang Jin, Ph.D.**  
sjin@mgm.ufl.edu  
Molecular mechanisms of host-pathogen interactions

**Stephanie M. Karst, Ph.D.**  
skarst@ufl.edu  
Pathogenesis of Norovirus; innate immune response; molecular mechanisms; mucosal immunity

**Alfred S. Lewin, Ph.D.**  
lewin@ufl.edu  
Development of gene and pharmacological therapies for neurodegenerative diseases of the retina

**Nicole M. Mccintosh, Ph.D.**  
mmcintosh@peds.ufl.edu  
Infectious agents and diseases of unknown etiology or emerging epidemiology

**Ayalew Mergia, Ph.D.**  
mergiaa@ufl.edu  
Host and viral protein interactions relevant to therapeutic and vaccine development
Research focus: Virology

Bernadett Papp, Ph.D.
BPapp@dental.ufl.edu
Discovering genome-wide molecular mechanisms that control the identity of cells

Rolf Renne, Ph.D.
rrenne@ufl.edu
Biology of Kaposi’s sarcoma-associated herpesvirus (KSHV)

Scott A. Tibbetts, Ph.D.
stibbe@ufl.edu
Oncogenic virus pathogenesis, noncoding RNAs, virus-host interactions, host immunity to viruses, viral latency.

Zsolt Toth, Ph.D.
ztoth@dental.ufl.edu
Oncogenic herpesvirus; viral immune evasion; gammaherpes infection

Amy Vittor, M.D., Ph.D.
amy.vittor@medicine.ufl.edu
Factors that drive the emergence of vector-borne diseases

Gary Wang, M.D., Ph.D.
gary.wang@medicine.ufl.edu
Host-pathogen interactions; HIV and HCV pathogenesis; drug resistance; microbial communities

Lei Zhou, Ph.D.
leizhou@ufl.edu
mechanisms mediating innate immunity against pathogen infection; innate immunity in aging