POSTDOCTORAL POSITION IN VIRAL ONCOGENESIS

University of Pittsburgh Cancer Virology Program
http://www.tumorvirology.pitt.edu

- Eligible for $60,000 Hillman Postdoc Award annual salary, plus $10,000 educational bonus
- Supported by NIH NCI R35 Outstanding Investigator and R01 Awards.

Our laboratory investigates two human cancer viruses we discovered, KSHV/HHV8 and Merkel cell polyomavirus, and develops new technologies to discover other human tumor viruses. Current projects involve studies on viral circular RNAs, SCF E3 ligase targeting of viral proteins, mitotic translation regulation and new virus discovery.

Strong molecular biology skills are required. Expertise in transcriptomics/proteomics, mass spectrometry, immunohistochemistry, UNIX-based bioinformatics, and virology are helpful, though not required. But enthusiasm to learn these and other techniques is essential. Pittsburgh is beautiful and affordable with tremendous cultural and outdoor resources (www.huffpost.com/entry/pittsburgh-health_n_4339476). The Hillman Cancer Center's Cancer Virology Program is a leading international academic center for research on cancer and infection.

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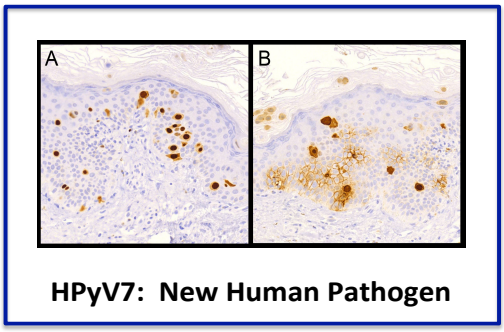

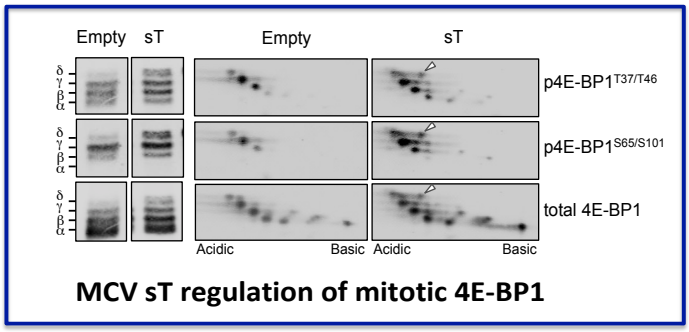

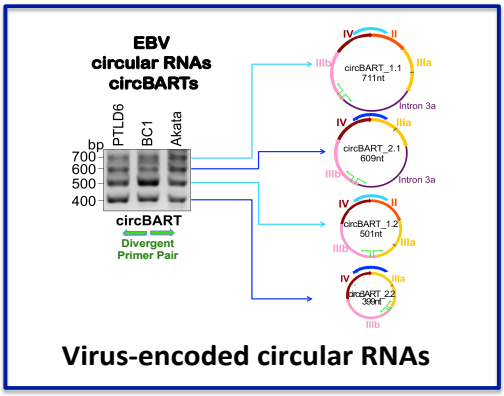

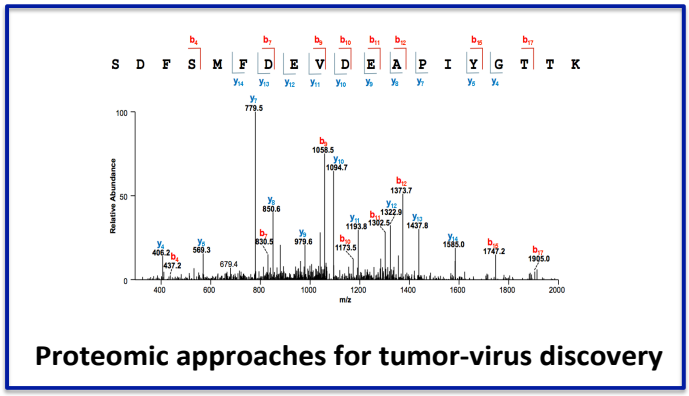

Recent Publications:

1. Circular DNA tumor viruses make circular RNAs. PNAS 115:E8737-E8745;2018.
2. Protein-mediated viral latency is a novel mechanism for Merkel cell polyomavirus persistence. PNAS 114:E4040-E4047; 2017.
3. Mitotic protein kinase CDK1 phosphorylation of mRNA translation regulator 4E-BP1 Ser83 may contribute to cell transformation. PNAS 113(30):8466-71; 2016
4. Human polyomavirus 7-associated pruritic rash and viremia in transplant recipients. J Infect Dis 211:1560-5; 2015.

https://scholar.google.com/citations?user=C0GXFrwAAAAJ&hl=en&oi=ao