



## MMI 291 Seminar Series

Current Theme: Interdisciplinary Research  
Spring Quarter 2022 – **CRN 51421**

**Friday Seminar – 12:10-1 p.m.**

*“Viral Discovery in Pandemic Preparedness”*

### Research / Bio

In the Anthony lab, we study viruses of wildlife. We study their diversity and distribution in nature (viral discovery), identify the viruses that are hazardous to humans and other species (viral characterization), and study the evolution of viral traits that increase or decrease the potential for spillover and disease emergence (viral evolution).

The goal of our work is to get better at identifying viruses with the potential to emerge in humans or other animals.

### Publications

**Simon J. Anthony.** *Benhur Lee Zoonotic potential of a novel bat morbillivirus* Sep 2021 bioRxiv doi:  
<https://doi.org/10.1101/2021.09.17.460143>

**S J Anthony.** *The evolutionary history of ACE2 usage within the coronavirus subgenus Sarbecovirus* Feb 2021 Pubmed  
<https://pubmed.ncbi.nlm.nih.gov/33754082/>

**Simon J Anthony.** *The discovery of Bombali virus adds further support for bats as hosts of ebolaviruses* Oct 2018 Pubmed  
<https://pubmed.ncbi.nlm.nih.gov/30150734/>

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**Simon J. Anthony, Ph.D.**  
Associate Professor  
VM: Pathology, Microbiology  
& Immunology  
School of Medicine  
University of California Davis

**May 27, 2022**  
**12:10 – 1 p.m.**  
**ZOOM Meeting**

Medical Microbiology  
& Immunology  
School of Medicine

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We hope to see you there!