

**FREE LUNCH
for the first 25
attendees**



**In Memory of
James H. Steele, DVM
1913-2013**

For more information
about Dr. Steele
[click here](#)

Center for Infectious Diseases

cordially invite you to attend the

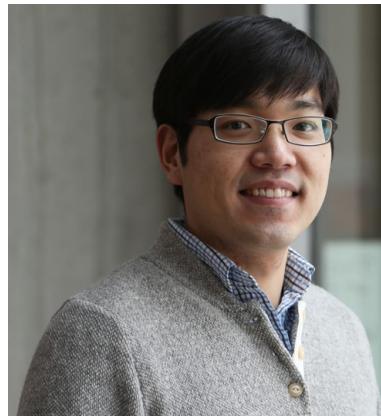
**James H. Steele, DVM
Fall Lecture**

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Assistant Professor
Department of Microbiology and
Molecular Genetics



**Thursday, October 27, 2022
12 – 1pm (CST)
RAS E705**

[Click here
to join remotely via Webex](#)

Dr. Jayhun (Jay) Lee is an Assistant Professor in the Department of Microbiology and Molecular Genetics at the UTHealth Houston McGovern Medical School. Jay studies the biology of schistosomes, parasitic flatworms that cause schistosomiasis, a major neglected tropical disease that affects over 200 million people globally. Also known as blood flukes, schistosomes have the ability to thrive inside the host bloodstream for decades without being killed by the immune system. Using *Schistosoma mansoni* as a model, the Lee laboratory employs functional genomic tools to investigate the developmental mechanisms that equip schistosomes with such an ability, and how such ability relates to host-parasite interaction. Through studying the basic biology of schistosomes, the long-term goal of the Lee lab is to uncover the weaknesses of these parasites that can be exploited to devise new approaches to target them.

Currently, the Lee laboratory is investigating the role of schistosomes' digestive gland, a key parasite-host interface in parasite development, survival, and immune evasion.

For more information, please contact **Carolyn Wade**
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