Modeling in-host pathogen dynamics

Dr. Iván Ramírez

Postdoctoral Fellow, University of Tennessee

Date: Tuesday, September 29

Time: 1:00 - 1:50 pm, EDT

Location: Zoom, ID: 935 1032 7072

In this talk I will present basic in-host mathematical models that have been widely used to describe acute and chronic pathogenic infections including HIV, HBV, IAV, and now COVID-19. I will also talk about the benefits and limitations of these models.

Iván is a postdoctoral fellow in the department of Pediatrics at The University of Tennessee Health Science Center (UTHSC). He works in Dr. Amber Smith's lab using mathematical models to study host-pathogen kinetics on influenza-Pneumococcal Coinfections. He completed his PhD in Mathematics at Pitt just a couple of months ago under the direction of Dr. Rubin and Dr. Swigon. In his spare time, Iván enjoys hiking, jogging, and playing soccer.

SPEAKER(S) FOR NEXT WEEK:

Behnam Esmayli