



The University of Vermont

The Department of Microbiology & Molecular Genetics  
Robert Larner, MD College of Medicine • College of Agriculture and Life Sciences

## **TGIR COBRE Seminar Schedule Spring 2023** ***Thursdays 10:00am***

<b><u>Date</u></b>	<b><u>Speaker &amp; Institution</u></b>	<b><u>Expertise &amp; Interests</u></b>
January 12 <sup>th</sup>		<i>Welcome Back Kickoff</i>
January 19 <sup>th</sup>	Ben Lee, MD, UVM	Pediatric infectious diseases, rotavirus, enteric illness, vaccine efficacy/immunity
January 26 <sup>th</sup>	Manuela Runge, PhD and Kok Ben Toh, PhD, Northwestern	Modeling COVID surveillance systems; Perennial malaria chemoprevention and interaction with malaria vaccine
February 2 <sup>nd</sup>	Betzi Norton, MPH, PhD, Tulane	Predictors or drivers of immunity, mucosal immunity, vaccination, mucosal delivery, adjuvants, enterotoxins
February 9 <sup>th</sup>	Baoming Jiang, DVM PhD, CDC	Epidemiology, virology, immunology, vaccinology of rotavirus, viral gastroenteritis
February 16 <sup>th</sup>	Alvaro C. Laga Canales, MD, MMSC, Harvard	Dermatopathology, infectious disease, cutaneous oncology, melanoma
February 23 <sup>rd</sup>	Sarah Nowak, PhD, UVM	Biomathematics, health insurance reform, patient and provider decision making, vaccines, military medical readiness
March 2 <sup>nd</sup>	Ashley Volaric, MD, UVM	Hematopathology, Epstein Barr Virus, B cell lymphoma, blood disorders, leukemia
March 9 <sup>th</sup>	Sharon Abramowitz, PhD, Georgetown Medical Center	Medical anthropology, psychiatric epidemiology, risk communications, epidemic preparedness and response
March 16 <sup>th</sup>	Delia Horn, MD, UVM	Neonatology, delivery room management, neonatal intensive care, neurodevelopmental outcomes, pulmonary physiology
March 23 <sup>rd</sup>	David Bernstein, PhD, UVM	Systems biology, metabolic networks, microbial communities
March 30 <sup>th</sup>	Jenna Wiens, PhD, University of Michigan	Machine learning in healthcare, time-series analysis, transfer/multitask learning, causal inference, patient risk models



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April 6 <sup>th</sup>	John Openshaw, PhD, UVM	Infectious disease, internal medicine, geographic medicine, emerging disease surveillance
April 13 <sup>th</sup>	Jess Crothers, MD, UVM	Medical microbiology, global health, infectious disease, enteric infections, gut microbiome, mucosal immunity and vaccine response.
April 20 <sup>th</sup>	Beth Kirkpatrick, MD, Kristen Pierce, MD, and Sean Diehl, PhD, UVM	Infectious disease, global health, Flavivirus, dengue, advancement of new vaccines, immunology, host immune response
April 27 <sup>th</sup>	Jean-Gabriel Young, PhD, UVM	Statistical inference, data science, complex networks, complex systems, infectious disease data science
May 4 <sup>th</sup>	Bruno Martorelli Di Genova, PhD, UVM	Toxoplasma gondii-host interaction, antiparasitic therapy development, T. gondii metabolic needs and environmental triggers
May 11 <sup>th</sup>	Emily Bruce, PhD, UVM	Virology, respiratory RNA viruses including SARS-CoV-2 and influenza, viral cell biology
May 18 <sup>th</sup>	Dev Majumdar, PhD, UVM	Molecular biophysics, conformational dynamics of membrane proteins, regulation of mRNA splicing, RNA biology
May 25 <sup>th</sup>	Jim Fleckenstein, Washington University St. Louis	Molecular pathogenesis of ETEC, genome, transcriptome, and immune-proteome analysis of pathogens, vaccine development
June 1 <sup>st</sup>	David Mills, UC Davis	Intestinal microbiology, prebiotics, probiotics, food microbiology, microbial genomics metagenomics, microbial ecology
June 8 <sup>th</sup>	Thanyawee Puthanakit, TGIR International Visiting Scholar, Chulalongkorn University	Pediatric infectious diseases, pediatric HIV, antiretroviral HIV treatment and prevention in limited-resource settings, vaccines

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***Find these seminars in HSRF 400***