

Welcome to the 19<sup>th</sup> annual

# Microbial Sciences Symposium

30 April 2022, Northwest Building at Harvard University

For speaker bios and talk information, use QR code to navigate to digital abstract book



8:55-9:05am	<b>Welcoming Remarks</b> Dr. Michael Gilmore & Dr. Peter Girguis, MSI Co-Directors
9:05-10:45am	<b>Morning Session A: Going Viral</b> <u>Karthik Anantharaman</u> , University of Wisconsin-Madison <i>(Re)defining the roles of viruses in microbiomes</i> <u>Libusha Kelly</u> , Albert Einstein College of Medicine <i>Phage ecology in the human body</i> <b>Science Art Feature #1</b> – Dr. Ellie Jameson
10:45-11:05am	<b>Break</b> – coffee & snacks in B100
11:05am-12:45pm	<b>Morning Session B: Eat or be Eaten</b> <u>John F. Brooks II</u> , Princeton University <i>The Microbiota Coordinates Diurnal Rhythms in Intestinal Innate immunity with the Host Circadian Clock</i> <u>Otto X. Cordero</u> , Massachusetts Institute of Technology <i>How the ocean digests complex organic matter: an eco-evo perspective</i> <b>Science Art Feature #2</b> – Dr. Bryan Mounce
12:45-2:00pm	<b>Lunch Break</b>
2:00-3:40pm	<b>Afternoon Session A: Unexpected Adaptations</b> <u>Robinson W. (Wally) Fulweiler</u> , Boston University <i>All the nitrogen fixation we cannot see – building the case for the importance and the why of coastal sediment nitrogen fixation</i> <u>Andrea Giometto</u> , Cornell University <i>Evolutionary adaptation of non-motile cells to range expansion</i> <b>Science Art Feature #3</b> – Dr. Azul Pinochet-Barros
3:40-4:00pm	<b>Break</b> – coffee & snacks in B100
4:00-5:30pm	<b>Afternoon Session B: Bacteria Behaving Badly</b> <u>Sophie Helaine</u> , Harvard Medical School <i>Salmonella persists during infection</i> <u>Karla J.F. Satchell</u> , Northwestern University <i>Vibrio MARTX Toxins: M is for Multifunctional! Integration of cell signaling by bacterial toxins</i>
5:30-7:30pm	<b>Reception</b> – passed appetizers & drinks in B100