



Forsyth

Forsyth Symposium: Oral Microbiome – Beyond Bacteria
October 28th – 29th, 2021

Day 1 Agenda

Time	Speaker	Topic
7:40 am – 8:40 am	Registration/Breakfast	
8:40 am – 8:45 am	Wenyuan Shi , CEO, The Forsyth Institute	Welcome Message
8:45 am – 9:15 am	Ann L. Griffen , Professor of Pediatric Dentistry, Ohio State University College of Dentistry https://dentistry.osu.edu/faculty/ann-l-griffen-dds-ms	Acquisition and assembly of oral microbial communities
9:15 am – 9:45 am	Matthew M. Ramsay , Assistant Professor of Cell and Molecular Biology, University of Rhode Island https://web.uri.edu/cmb/matthew-ramsey/	Mechanisms underlying spatial interaction in the oral microbiota
9:45 am – 10:15 am	Hyun “Michel” Koo , Professor of Orthodontics, University of Pennsylvania School of Dental Medicine https://www.dental.upenn.edu/faculty/hyun-michel-koo/	The spatial and functional organization of polymicrobial oral biofilms
10:15 am – 10:45 am	Yang-Yu Liu , Associate Professor of Medicine, Harvard Medical School https://scholar.harvard.edu/yyl	Studying human microbiome from community ecology, control theory, and network science perspectives
10:45 am – 11:30 am	Poster Presentations	
11:30 am – 1:00 pm	Break (Lunch)	
1:00 pm – 1:30 pm	Jill F. Banfield , Professor of Earth and Planetary Sciences, University of California Berkeley https://eps.berkeley.edu/people/jill-f-banfield	Candidate phyla radiation bacteria in oral and other microbiomes
1:30 pm – 2:00 pm	Jeffrey S. Mclean , Associate Professor of Periodontics, University of Washington School of Dentistry https://dental.washington.edu/people/jeffrey-scott-mclean/	Acquisition and evolution of ultra-small parasitic bacteria with reduced genomes from the environment
2:00 pm – 2:30 pm	Xuesong He , Associate Member of Staff, The Forsyth Institute https://www.forsyth.org/scientists/xuesong-he/	<i>Actinomyces odontolyticus</i> and TM7x--A model system for studying episymbiotic relationship between Saccharibacteria and their host bacteria.
2:30 pm – 3:00 pm	Poster Presentations	
3:00 pm – 3:30 pm	Tamara McNealy , Director, Oral Microbiota & Bacterial Disease Program, NIDCR https://www.nidcr.nih.gov/grants-funding/staff-contacts/tamara-mcnealy-phd	NIDCR Grant Programs and Funding Opportunities

3:30 pm – 4:00 pm	Batbileg Bor , Assistant Member of Staff, The Forsyth Institute https://www.forsyth.org/labs/bor-lab/	Ultrasmall episymbiotic Saccharibacteria suppresses gingival inflammation and bone loss through host bacterial modulation
4:00 pm – 4:30 pm	Mircea Podar , Distinguished Staff Scientist, Oak Ridge National Laboratory https://www.ornl.gov/staff-profile/mircea-podar	Shining some more light on the oral microbial "dark matter"
4:30 pm – 5:00 pm	Jessica Mark Welch , Associate Scientist, Woods Hole Marine Biological Laboratory https://www.mbl.edu/jbpc/staff/jmarkwelch/	Imaging of oral biofilms: from spatial organization to functional Interactions

Day 2 Agenda

Time	Speaker	Topic
8:30 am – 9:00 am	Breakfast	
9:00 am – 9:30 am	Mahmoud Ghannoum , Professor of Dermatology and Pathology, Case Western Reserve University https://case.edu/medicine/dhri/about/secondary-faculty/mahmoud-ghannoum	Oral Mycobiome in HIV and Cancer
9:30 am – 10:00 am	Patricia Diaz , Professor of Empire Innovation and Oral Biology, University of Buffalo School of Dental Medicine http://dental.buffalo.edu/faculty/home.html?ubit=pidiazmo	Ecological and clinical significance of oral mycotypes
10:00 am – 10:30 am	Kathryn Kauffman , Assistant Professor of Oral Biology, University of Buffalo School of Dental Medicine http://dental.buffalo.edu/faculty/home.html?ubit=kmkauffm	Integrating viruses of bacteria into the expanded Human Oral Microbiome Database
10:30 am – 11:00 am	David Moyes , Senior Lecturer in Host-Microbiome Interactions, King's College London https://www.kcl.ac.uk/people/david-moyes	Measuring the mobile resistome at different body sites.
11:00 am – 11:30 am	David Pride , Associate Professor of Pathology, University of California San Diego Health https://providers.ucsd.edu/details/12014/pathology-infectious-diseases	Ecology and role of bacteriophages in the human oral microbiome
11:30 am – 12:15 pm	Xuesong He , Associate Member of Staff, The Forsyth Institute https://www.forsyth.org/scientists/xuesong-he/	Wrap up summary and group discussion of next steps in the field
12:15 pm – 1:00 pm	Break (Lunch)	