

## Microbial Ecology-Environmental Microbiology (MEEM) in Victoria Thursday 16<sup>th</sup> May, 2019, 1.45-5.30pm



**What:** Microbial Ecology-Environmental Microbiology (MEEM) in Victoria (1 International visitor, 6 ECR speakers, 2 PhD speakers; afternoon tea, post meeting social event)

**When:** Thursday 16<sup>th</sup> May, 2019 from 1:45-5:30 pm

**Where:** La Trobe city campus, 360 Collins Street, Melbourne (Room: 360C-2.10).

**Why:** Promote communication/collaboration for those interested in microbial ecology, environmental microbiology, evolutionary microbiology, and related disciplines

**Sponsor:** Vic Branch of the Australian Society for Microbiology

**Organisers:** Assoc Prof Ashley Franks (La Trobe); Assoc Prof Chris Greening (Monash); Prof Linda Blackall (Melbourne)

**RSVP:** No RSVP is required

**Cost:** Nil

### Timetable

**1:45 pm: Intro and Microbial Ecology-Environmental Microbiology in Victoria update** (this 2019 meeting follows on from our highly successful 2018 meeting where ~65 microbiologists met at the La Trobe Uni city campus to exchange microbiological information and network broadly)

**2:00 pm: Mr Alex Jaimes Castillo** (Swinburne University of Technology) – Microbial diversity during composting food waste in the novel in-vessel composter “Cylibox”

**2:15 pm: Dr Justin Maire** (School of BioSciences, University of Melbourne) – Extreme makeover: Symbiosis remodeling and endosymbiont relocalization during host metamorphosis in the cereal weevil *Sitophilus*

**2:35 pm: Dr Lucie Semenc** (Dept of Ecology, Environment & Evolution, La Trobe University) – *Geobacter sulfurreducens* antimicrobial strategies revealed via adaptive evolution in coculture with *Pseudomonas aeruginosa*: when syntrophy meets competition

**2:55 pm: Ms Roya Afshari** (Dept of Food Science, RMIT University) – Cheesomics: exploring microbiome and metabolomic interactions in the cheese ecosystem

**3:10 pm: Dr Subir Sarker** (Dept of Physiology Anatomy & Microbiology, La Trobe University) - How can viral genomics facilitate vaccine development?

**3 25 pm: Afternoon tea break**

**4:00 pm: Dr Cindy Castelle** (Senior Scientist University of California Berkeley) - Genome-resolved metagenomics of microbial communities expand diversity in the Tree of Life and highlight new functions

**4:25 pm: Dr Adam Kessler** (School of Earth Atmosphere and Environment, Monash University) – Fermenting beaches: How sandy sediment microbes live in unpredictable redox conditions

**4:45 pm: Dr Rachael Lappan** (School of Biological Sciences, Monash University) – The biOMe study: using 'omics technologies to study otitis media in children

**5:05 pm: Dr George Taiaroa** (School of Biomedical Sciences, University of Melbourne) – Appearance of synthetic vectors, and associated ARGs, on all branches of the tree of life

**5:25 pm: Wrap up** – planning for future MEEM events AND – Go to local bar for drinks