



Apply to be a FASM Agriculture and Food Night MicroSeq2020



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2020 Calendar

Event	Date
Trivia Night	15 th September, 2020
Agriculture and Food Microbiology Night	7 th October, 2020
MicroSeq2020	10 th -11 th November, 2020

Events

ASM Annual Trivia Night Quarantine Quiz Edition

On Tuesday the 15th September The ASM VIC Branch 2020 Trivia Night, took place and it was a roaring success and a highly competitive night. We would like to thank SPASIM (Special Postgraduate Association for Student of Immunology and Microbiology) from UniMelb as they did a fantastic job as MC's, hosting the biggest trivia night we have ever had with a record 15 teams registered to compete.

The Trivia night utilised a combination of Zoom, Google Docs and Twitch ran smoothly demonstrating that even lockdown can't stop the long-standing trivia rivalries.



Agriculture and Food Microbiology Night 7th October 6.30pm – 7.30pm

We are excited to invite you to our Online Agriculture and Food Microbiology Night. Come and join us for an evening of presentations by members of the microbiology community covering a variety of infectious disease topics including:

- "What is the importance of microbial biogeography to produce regionally distinctive wines?"
Dr Kate Howell (UniMelb)
- "Psyllid microflora; implications for Liberibacter disease surveillance and pest control"
Dr Jacqueline Morris (Agriculture Victoria/LaTrobe/UniMelb)
- "Characteristics and Diversity of Bacillus cereus Group Isolates from Raw and Pasteurised Milks in Victoria, Australia"
Mr Behrad Radmehr (Swinburne)

This will be a **free event** for ASM members and non-ASM members. Register here at <https://www.trybooking.com/BLNXX> Registrations are essential. The Zoom link provided upon registration. For further details, please contact Jake Lacey (jake.lacey@unimelb.edu.au).

MicroSeq2020 10th-11th November

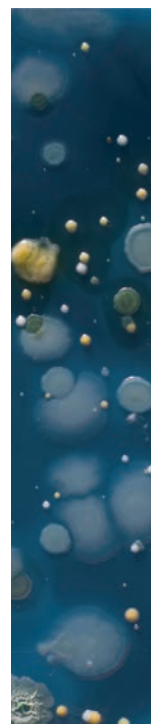
The ASM Vic Branch is supporting an online meeting MicroSeq2020, to discuss all things microbiology and sequencing (fungi, bacteria and viruses).

This meeting will provide opportunities for Australian-based ECRs and PhD students to share their exciting research with Prizes for the best talks.

Keynote speakers include:

- Dr Michelle Wille (University of Sydney)
- Dr Jeremy Barr (Monash University)
- Dr Laura Machuca Suarez (Curtin University)
- Dr Ben Woodcroft (QIMR)

Registrations and abstract submissions open soon.



MicroSeq2020

Online meeting from midday AEDT
10th - 11th November
#MicroSeq2020

Keynote speakers

Dr Michelle Wille
University of Sydney

Dr Jeremy Barr
Monash University


Dr Laura Machuca Suarez
Curtin University

Dr Ben Woodcroft
Queensland University
of Technology

All things microbiology and sequencing:
fungi, bacteria, viruses
Opportunity for Australia-based ECRs and
PhD Students to share their exciting research
Prizes for best talks

Registration and abstract
submissions close 2nd October

\$5 ASM members \$10 non-ASM members

Supported by 

News and Views

Inviting applications for ASM Fellowship (FASM)

The Australian Society for Microbiology (ASM) Victorian Branch Committee is inviting eligible ASM MASM members to apply to become Fellows of the Australian Society for Microbiology (FASM).

Fellows of the Society are those microbiologists who, through a process of peer assessment, are determined to be either specialists in their field, or scientists who have made a significant contribution to the profession.

Fellowship is the higher qualification of the ASM which is granted by the Council on the recommendation of the National Examinations & Qualifications Board.

FELLOWSHIP ELIGIBILITY CRITERIA:

- A financial MASM member of ASM at the time of applying for the fellowship.
- At least 10 years' experience in the field of microbiology.

REQUIRED SUPPORTING DOCUMENTS:

- Curriculum Vitae, including details of your tertiary and other relevant qualifications, a list of your major publications.
- Completion of a FASM Referee Declaration (form downloadable below).

Further details can be found on the ASM National Website

<https://www.theasm.org.au/fellowship-fasm-1>

Introductory course in applied microbial genomics for public health

1st December to 3rd December 2020

Online course hosted by the Doherty Institute, The University of Melbourne. From 1st December to 3rd December 2020.

Genomics is revolutionising the practice of public health microbiology and epidemiology globally, however capacity in genomic data analysis is a key limiting factor in implementation of the technology. This course, designed for public health microbiologists and epidemiologists, will introduce concepts and provide practical experience in the analysis and interpretation of microbial genome data for public health action, with a focus on antimicrobial resistance and the application of genomics to the COVID-19 response. Applications close on Friday, 30 October 2020. Successful applicants will be notified via email.

For more information and to apply and costs see (<https://www.doherty.edu.au/genomics/events?msEntryId=2480>)

We are back into lockdown so keep up to date with COVID-19

During these unprecedented times it can be difficult to find the best information about Coronavirus (COVID -19) and keep up to date with the ever-changing restrictions and medical advice. Here are some useful links to help you find the most relevant Coronavirus information for Victorians and where to get support.

- Victorian Government – For the most current announcements on Coronavirus for Victorians (<https://www.vic.gov.au/coronavirus>)
- DHHS Victoria - Information, updates, and advice about the outbreak of COVID-19 (<https://www.dhhs.vic.gov.au/coronavirus>)

24/7 Coronavirus health information line
1800 020 080



Research Highlights

Journal Articles

Tracking the COVID-19 pandemic in Australia using genomics.

(<https://pubmed.ncbi.nlm.nih.gov/32873808/>)

Functionally uncoupled transcription-translation in *Bacillus subtilis*

(<https://www.nature.com/articles/s41586-020-2638-5>)

New insights into cheddar cheese microbiota-metabolome relationships revealed by integrative analysis of multi-omics data

(<https://www.nature.com/articles/s41598-020-59617-9>)

Exploring the structural distribution of genetic variation in SARS-CoV-2 with the COVID-3D online resource

(<https://www.nature.com/articles/s41588-020-0693-3>)

Early evolutionary loss of the lipid A modifying enzyme PagP resulting in innate immune evasion in *Yersinia pestis*

(<https://pubmed.ncbi.nlm.nih.gov/32868431/>)

First report of eggplant fruit rot caused by *Phytophthora nicotianae* breda de Haan in Mexico

(<https://pubmed.ncbi.nlm.nih.gov/32896216/>)

Large freshwater phages with the potential to augment aerobic methane oxidation

(<https://www.nature.com/articles/s41564-020-0779-9>)

The Mini-Lab: accessible clinical bacteriology for low-resource settings

([https://www.thelancet.com/journals/lanmic/article/PIIS2666-5247\(20\)30012-4/fulltext](https://www.thelancet.com/journals/lanmic/article/PIIS2666-5247(20)30012-4/fulltext))

Plasmodium sporozoites induce regulatory macrophages

(<https://doi.org/10.1371/journal.ppat.1008799>)

Safety and immunogenicity of a Zika purified inactivated virus vaccine given via standard, accelerated, or shortened schedules: a single centre, double-blind, sequential-group, randomised, placebo-controlled, phase 1 trial

([https://www.thelancet.com/journals/laninf/article/PIIS1473-3099\(20\)30085-2/fulltext](https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(20)30085-2/fulltext))

Phylogenetic farming: Can evolutionary history predict crop rotation via the soil microbiome?

(<https://pubmed.ncbi.nlm.nih.gov/32908599/>)

Inappropriate empirical antibiotic therapy for bloodstream infections based on discordant in-vitro susceptibilities: a retrospective cohort analysis of prevalence, predictors and mortality risk in US hospitals.

([https://www.thelancet.com/journals/laninf/article/PIIS1473-3099\(20\)30477-1/fulltext](https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(20)30477-1/fulltext))

Genomic serotyping, clinical manifestations, and antimicrobial resistance of non-typhoidal *Salmonella* gastroenteritis in hospitalised children in Ho Chi Minh City, Vietnam

(<https://pubmed.ncbi.nlm.nih.gov/32907994/>)

Identification of a cluster of Extended-spectrum Beta-lactamase producing *Klebsiella pneumoniae* sequence type 101 isolated from food and humans

(<https://pubmed.ncbi.nlm.nih.gov/32776135/>)

Share your recently published research with us.

Are you an ASM Vic Branch member? Have you published a paper or a preprint in the last month and want to get the word out?

Send it to us with a summary paragraph and let us share it with our Victorian members in our Newsletter. Send your submissions by the 5th of the Month to Jake Lacey (jake.lacey@unimelb.edu.au) with the subject heading **Research Highlights**



Be **READY** for #coronavirus

WHO is giving advice on how to protect ourselves & others:

Be **SAFE** from coronavirus infection

Be **SMART** & inform yourself about it

Be **KIND** & support one another

Learn more about #COVID19 & share with your loved ones: www.who.int/COVID-19

 UNITED NATIONS  World Health Organization

Contact and Society Details



Vic Branch Committee

Chair: Catherine Satzke
(catherine.satzke@mcri.edu.au)
Deputy Chair/Public Health: Mary Valcanis
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(christopher.stubenrauch@monash.edu)
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VSP Coordinator: Lauren Zavan
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Medical Microbiology: [Seema Kanade](#), Sarah
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Regional Engagement: [Andrew Greenhill](#), Catherine
Satzke, Steve Petrovski
**Skills, Education, Engagement and
Communications:** [Jacqueline Heath](#), Priscilla
Johanesen, Karena Waller, Seema Kanade, Lauren
Zavan, Harshini Weerasinghe, Sam Manna.

Submissions: Deadlines for ASM Victorian News is
the 5th of the Month. All notices should be emailed to
Jake Lacey (jake.lacey@unimelb.edu.au).

Find us on:

Website: <http://victoria.theasm.org.au/>
Twitter: [@ASM_VicBranch](#)
Facebook: [The Australian Society for Microbiology
\(ASM\) - Victorian Branch](#)



Becoming a Member: Did you know that non-members can join the Australian Society for Microbiology at a reduced rate? Well, you can! As a non-member, by paying the fee to attend an event hosted by ASM VIC Branch, you can use this amount to put towards an annual membership of the Australian Society for Microbiology.

To do so, please follow these instructions:

1. Register to attend the event hosted by ASM VIC Branch via the advertised trybooking link and pay the attendance fee.
2. Attend the event, and then within 2 weeks after the event, go to the ASM membership area at <https://www.theasm.org.au/membership>
3. Choose the appropriate membership for you and then click on: [Click here to join or update your details](#)
4. Click 'Begin here' and create a Currinda membership profile for yourself. Then, pay the membership full fee.
5. Following payment, download the paid receipt (showing your payment) and email it along with your postal address to: Christine Seers, Treasurer VIC Branch caseers@unimelb.edu.au
6. A cheque refunding the event fee will be posted to you.

Please note you must complete the above process within 2 weeks following an event to take advantage of this offer. After this time, the event fee cannot be used to pay membership fees.

Upgrade to a professional membership (MASM): to be eligible for MASM, you must have: Completed an academic qualification in microbiology at degree level or alternative qualifications acceptable to the Council; and have satisfactorily completed two years of postgraduate work to advance the discipline of microbiology. If you meet these criteria, all you need to do it obtain a declaration form a referee who is a MASM or FASM finical member of the society, your curriculum vitae and academic record/copy of degree and submit online. For more information see. <https://www.theasm.org.au/professional-membership-masm>

Visiting speakers' program (VSP): Do you know of an outstanding speaker coming to Australia? If so, consider them for the Visiting Speakers Program (VSP). This program is now coordinated by the ASM Executive standing committee and the National Office in consultation with State branches. For more information, please contact Lauren Zavan (l.zavan@latrobe.edu.au), who is the VSP Coordinator for the ASM VIC Branch.

Organising events: The main objective of the Australian Society for Microbiology is to advance the science of microbiology in Australia. The ASM Victorian Branch is keen to support local initiatives, with the potential to advertise or co-organise events. If you are organising a microbiology-focussed event or have an idea for a type of event that would appeal to the broader microbiology, please contact us to discuss the ASM Vic Branch may be able to assist. Please contact Catherine Satzke (catherine.satzke@mcri.edu.au) for more information

Advertisements: Would you like to advertise your event, job vacancy or other news item in our newsletter? If so, please contact Jake Lacey (jake.lacey@unimelb.edu.au) Advertising rates are: Not-for-profit adverts: free of charge and For-profit adverts: \$50 per advert.

ASM History SIG: If any ASM members have significant ASM memorabilia that they would like to donate to the ASM archives or would like to suggest topics suitable for possible symposia at future ASM Annual Scientific Meetings, please send details of the memorabilia or suggested symposia topics to:

History SIG convener

c/o Australian Society for Microbiology Office,
9/397 Smith Street, Fitzroy VIC 3068

ASM National Office:

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Tel: 1300 656 423
Fax: 1300 655 841
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Victorian Branch ASM:

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asmvicbranch@gmail.com

A list of the other ASM branches can be found online at <http://www.theasm.org.au/>

