



Victorian News

The Australian Society for Microbiology VIC Branch Newsletter

August 2017, Vol 503

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Submission Deadline: 4th of the Month

Find us on Facebook: <https://www.facebook.com/groups/250340155042466/>

Contact Details

Victorian Branch ASM:

The Australian Society for Microbiology
Victorian Branch
c/o: 9/397 Smith Street, Fitzroy VIC 3065
Weblink: <http://victoria.theasm.org.au/>
Email: klwaller@unimelb.edu.au or
asmvicbranch@gmail.com

ASM National Office:

9/397 Smith Street, Fitzroy VIC 3065
Tel: 1300 656 423
Fax: 1300 655 841
Email: admin@theasm.com.au
Weblink: www.theasm.org.au
ABN 24 065 463 274

Victorian Branch Committee:

Chair: Karena Waller
Email: klwaller@unimelb.edu.au
Tel: +61 3 8344 0045

Deputy Chair: Catherine Satzke
Email: catherine.satzke@mcri.edu.au

Secretary: Christine Seers
Email: caseers@unimelb.edu.au

Treasurer: Priscilla Johanesen
Email: priscilla.johanesen@monash.edu
Tel: + 61 3 9902 9153

VSP Coordinator: Catherine Satzke
Email: catherine.satzke@mcri.edu.au

Newsletter Editors:
Jacqueline Heath
Email: jhea@unimelb.edu.au
Catherine Butler
Email: cbutler@unimelb.edu.au

Student Affairs: Karena Waller
Email: klwaller@unimelb.edu.au
Tel: +61 3 8344 0045

Mary Valcanis
Email: valcanis@unimelb.edu.au

Edward Fox
Email: Edward.Fox@csiro.au

Seema Kanade
Email: seema.kanade@dorevitch.com.au

Jaelyne Birrell
Email: jaelyne.birrell@gmail.com

Neil O'Brien-Simpson
Email: neil.obs@unimelb.edu.au

Sarah Baines
Email: bainess@unimelb.edu.au

All notices should be emailed to: jhea@unimelb.edu.au or cbutler@unimelb.edu.au



The Australian Society
for **Microbiology**
bringing Microbiologists together



Tuesday 15th August 2017

Food Microbiology and One Health

Venue

**Jean Falkner Tahija Theatre, Ground floor,
Royal Dental Hospital of Melbourne,
720 Swanston Street, Carlton, Victoria.**

Time

6:15pm food and drinks followed by talks from 7pm

Speakers including:

- Prof Glenn Browning – Antimicrobial use in food production animals
- Dr Kari Gobius - Antimicrobial resistance and food chains
- Dr Danielle Ingle - Genomic epidemiology of Shiga-toxigenic *E. coli*

Registration: <https://www.trybooking.com/RCJG>

Free for ASM Members!

\$40 non-ASM members, \$15 non-ASM student members

Webinar available via ZOOM (<https://zoom.us/>) to those who can't make it to the venue. Please select webinar ticket from Trybooking.

ZOOM webinar code is required for webinar access.

Enquires: Ed Fox (edward.fox@csiro.au)



**ASM Victorian Branch in conjunction with the
Doherty Institute
Public Health Cross Cutting Discipline presents**

Public Health Night

Join us for an evening of presentations by
Doherty Scientists and DHHS Epidemiologists

Venue: Ground Floor Auditorium
The Peter Doherty Institute for Infection and Immunity
Corner Grattan and Elizabeth Streets, Melbourne

Date: Wednesday 30th August, 2017
6:15 pm for finger food & refreshments, presentations commence at
7:00pm

Chair: Dr. Mike Catton (VIDRL Director)

Presentation Topics: (speakers TBA)

- Legionella Outbreak Investigations
- New Global Initiative to Cure Chronic Hepatitis B
- Antimicrobial Resistance in Sexually Transmitted Infections
- The Forgotten Hepatitis Viruses: HAV/HEV/HDV
- Update on Meningococcal Epidemiology

Cost: This is a free event for ASM members (student or full members), or
\$40 non-ASM member & \$15 student non-ASM member

Registration: <https://www.trybooking.com/RKQJ>

**For catering purposes, please RSVP for this event by
5pm Monday 28th August, 2016.**

For further details, please contact:

Mary Valcanis valcanis@unimelb.edu.au or **Sarah Baines** bainess@unimelb.edu.au

The Doherty Institute is a joint venture between the University of Melbourne and Royal Melbourne Hospital



Register Now

ASM VIC Branch brings to you

2017 Trivia Night with a Microbiological Twist!

Challenge your neighbouring Lab, University, Hospital or Company to a night of Trivia - sign up a Table and let the games begin!

Proudly MC'ed by **SPASIM** (Special Postgraduate Association for Students in Immunology and Microbiology, from the University of Melbourne)

When: **Tuesday 12th September 2017**

Arrive at 6.30pm

Trivia commences at 7.00pm

Where: City of Melbourne Bowls Club

Flagstaff Gardens

Dudley Street

West Melbourne

Google maps: <http://goo.gl/maps/1ZffP>



Details: BYO food / nibbles for your table

All drinks available for purchase from the bar – No BYO drinks

Reservations: Tables of 8

\$10 per person (ASM Member) or

\$15 per person (non-ASM Member)

Reservations for Tables are required and can be made via:

<http://www.trybooking.com/RJHN>

RSVP by 5pm Thursday 7th September 2017

For more details, please contact **Jacqueline Heath** (jhea@unimelb.edu.au) or **Neil O'Brien-Simpson** (neil.obs@unimelb.edu.au).

Tables are limited, so get in quick!

Everyone welcome! Great Prizes!

SA/NT BRANCH of ASM

and

PARASITOLOGY & TROPICAL MEDICINE SIG

proudly present

BACK-TO-BACK
2017 TRI-STATE
SCIENTIFIC MEETING

&

PARASITOLOGY MASTERCLASS

Darwin

22-25 September 2017

EARLY BIRD REGISTRATION CLOSES 20th AUGUST

**See ASM website for full program
and registration details**



The Australian Society
for **Microbiology** 
bringing Microbiologists together

www.theasm.org.au



AUSTRALIAN INSTITUTE
OF MEDICAL SCIENTISTS

The Australian Society
for **Microbiology** 
bringing Microbiologists together

The Victorian Branches of
AIMS and ASM present a joint conference focusing on

Science in the Spotlight

**Saturday 18th & Sunday 19th November
2017 at Vibe Hotel, Marysville VIC**



What you can expect:

- A diverse and engaging scientific program focusing on current research, case studies and new technologies in the medical and microbiological sciences at a picturesque location
- Great networking opportunities
- Conference dinner opportunity on Saturday night

Keynote speaker and topic area (title TBA shortly):

- **Dr Denese Marks, Australian Red Cross Blood Service**
Cryopreservation of blood products

Featured speakers and topic areas (titles TBA shortly):

- **Ms Robyn Coleman 'AIMS 2017 Travelling Orator', Sullivan Nicolaidis Pathology** Coagulation topic
- **Mr David Barton, RMIT University** Presenting his PhD research on the recovery of Marysville after the 2009 Black Saturday bushfires

Confirmed speakers and topic areas (titles TBA shortly):

- **Dr Nancy Endersby-Harshman, Bio21 Institute** *Wolbachia* to reduce transmission of dengue virus
- **Ms Michelle Francis, Monash Health** Molecular microbiology topic
- **Prof Bill Heath, Doherty Institute** Breakthrough in malaria vaccine research
- **Prof Karin Jandeleit-Dahm, Baker Heart and Diabetes Institute** Diabetes and renal disease
- **Dr James Knox, Melbourne Pathology** Performance of a modified test for carbapenemase-producing Gram negative bacteria
- **Prof Johnson Mak, Deakin University/CSIRO** Human body's natural protein in defence against HIV
- **Dr Peter Molloy, CSIRO** Simple blood test for bowel cancer
- **Prof Greg Qiao, The University of Melbourne** Latest development in peptide-based stars as antibiotics
- **Dr Catherine Satzke, Murdoch Childrens Research Institute** Pneumococcal research topic
- **A/Prof Bayden Wood, Monash University** Resonance Raman spectroscopy for malaria diagnosis
- **Prof Matthias Ernst, Olivia Newton John Cancer Research Institute** Role of macrophages in bowel and gastric cancer
- **Ms Sridurga Mithraprabhu, Monash University/Alfred Hospital** Liquid biopsy in multiple myeloma
- **Dr Norelle Sherry, Austin Health/Melbourne Genomics Health Alliance** Genomics-based superbug tracking system

Abstract submissions: Would you like to present a 15 min talk or a poster? If so, contact Dr Ed Fox (edward.fox@csiro.au) for abstract submission instructions or go to the AIMS website.

Abstract submissions close: September 29th 2017.



See over page for registration details and prices.

Registration: For further details of conference registration rates / packages and to register your attendance, please go to: <https://www.aims.org.au/events/event/vic-aimsasm-2017-conference>
Early Bird Registration closes: Friday 29th September 2017.

Accommodation: Bookings* are to be made directly with Vibe Hotel, Marysville and can be made:

- Online: <https://tinyurl.com/y86cfqry> or
- Via phone: (03 5957 7700)

* When booking accommodation, please quote the Promo Code (TH9467296) to access the special conference room rates.

Registration Costs:

The FULL registration packages below include both Saturday and Sunday attendance, and the 2 course conference dinner (see below for details about the dinner).

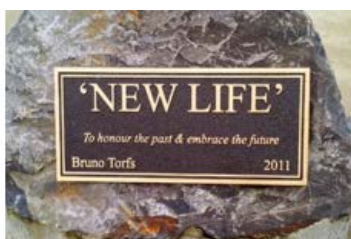
For those only attending one day of the conference, the conference dinner is an optional extra. Dinner tickets are priced at \$80 per person. Extra dinner tickets may also be purchased for family members and friends to participate in this social event (\$80 each).

	AIMS/ASM members:	Non- members:
Early Bird (before Sept 29 th) FULL registration	\$295.00	\$355.00
FULL registration (after Sept 29 th)	\$345.00	\$415.00
Saturday only (Dinner not included)	\$155.00	\$185.00
Sunday only (Dinner not included)	\$155.00	\$185.00
Student FULL	\$245.00	\$295.00
Student Saturday only (Dinner not included)	\$115.00	\$145.00
Student Sunday only (Dinner not included)	\$115.00	\$145.00

Go to the website: <https://www.aims.org.au/events/event/vic-aimsasm-2017-conference> to register your attendance!

Conference Dinner: A two course conference dinner with canapes and pre-dinner drinks in the Radius Bar and Grill which serves modern Australian cuisine, local wine, beer and house made bread. The restaurant has an emphasis on locally sourced produce within 100km range and the food is simple and fresh with a focus on slow cooked meats over a wood flame. This dinner is designed to bring all the delegates together to share a meal and get to know others.

Enquires: Kerryn Weekes (kerryn.weekes@monashhealth.org) or Karena Waller (klwaller@unimelb.edu.au)





How to join the Australian Society for Microbiology at a reduced rate!

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 <http://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:
Priscilla Johanesen, Treasurer VIC Branch priscilla.johanesen@monash.edu
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.



ASM History SIG – Column

ASM Memorabilia:

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 Member Awards Apply Now

The ASM offers a variety of awards to its members. Take full advantage of your membership by applying now for one of the awards listed below with deadlines approaching. For more details and additional awards please refer to the National webpage <http://www.theasm.org.au/awards/>

- NZMS Postgraduate Research Travel Award – Application due 31st August
- ASM Distinguished Service Award – Nominations close 30th November

Visiting Speakers Program

**Do you know of an outstanding speaker coming to
Australia?**

**If so, consider them for the Visiting Speakers
Program (VSP).**

**Further information about the VSP and the speaker
recommendation form can be found at:**

**[http://www.theasm.org.au/events/visiting-speakers-
program/](http://www.theasm.org.au/events/visiting-speakers-program/)**

**Alternatively, contact Catherine Satzke
(catherine.satzke@mcri.edu.au), who is the VSP
Coordinator for the ASM VIC Branch.**

MICRO NEWS and VIEWS

- ASM to Discontinue Small Conferences
<http://www.the-scientist.com/?articles.view/articleNo/49611/title/ASM-to-Discontinue-Small-Conferences/>
- Oral bacteria may help forensic scientists estimate time since death
<https://www.sciencedaily.com/releases/2017/08/170801101906.htm>
- Mini-Metagenomics Leads to Microbial Discovery
<http://www.the-scientist.com/?articles.view/articleNo/49888/title/Mini-Metagenomics-Leads-to-Microbial-Discovery/>
- New tool to distinguish between viral, bacterial infections - Goal is to reduce unnecessary use of antibiotics, combat antibiotic resistance
<https://www.sciencedaily.com/releases/2017/07/170728153957.htm>
- Ebola Persistence Documented in Monkeys
<http://www.the-scientist.com/?articles.view/articleNo/49907/title/Ebola-Persistence-Documented-in-Monkeys/>
- These bacteria may egg on colon cancer
<https://www.sciencenews.org/article/these-bacteria-may-egg-colon-cancer?mode=topic&context=93&tgt=nr>
- Fungal spores harness physics to launch themselves - Shape of spores powers their launch and aim
<https://www.sciencedaily.com/releases/2017/07/170725204141.htm>
- Microbes have their own version of the internet
<https://theconversation.com/microbes-have-their-own-version-of-the-internet-75642>
- Holographic imaging could be used to detect signs of life in space - Engineers explore ways to sample and identify living microbes in the outer solar system
<https://www.sciencedaily.com/releases/2017/07/170721084724.htm>

Advertise in the ASM VIC Branch Newsletter!

Would you like to advertise your event, job vacancy or other news item in our newsletter?

Advertising rates are:

Not-for-profit adverts: free of charge

For-profit adverts: \$50 per advert

If so, please contact Karena Waller
(klwaller@unimelb.edu.au)



Victorian Infection
& Immunity Network

VIIN Young Investigator Symposium 2017

Monday 16 October 2017

8:30 am – 6:00 pm

Walter and Eliza Hall Institute, Parkville

Keynote Speakers

Prof Kanta Subbarao

Director, WHO Collaborating Centre for
Reference and Research on Influenza

The Peter Doherty Institute for Infection and
Immunity, Melbourne

Dr Maria Kaparakis-Liaskos

veski Inspiring Women Fellow,
Head, Host-Pathogen Interactions Laboratory
La Trobe University, Melbourne



Please submit your abstracts for oral &
poster presentations by 25 August 2017

Prizes will be awarded for best presentations

- Two invitations to speak (one student and one postdoc) at the 2018 Lorne Infection and Immunity Conference
- Other sponsored prizes

For further details and to register and submit your abstract visit:
<http://viin.org.au/event/viin-young-investigator-symposium-2017>

Purpose

To provide a platform for networking and exchange of scientific ideas

Open to

- Postgraduate students
- Research Assistants
- Postdoctoral scientists
- Industry representatives

Registration

- FREE for all academic participants

Key Dates

- **Monday 31 July**
Registration and abstract submissions open
- **Friday 25 August**
Abstract submission closes
- **Friday 29 September**
Registration closes

Registrations will be limited to a maximum of 300 participants

Food and drinks will be provided

**MICROMON
DEPARTMENT OF MICROBIOLOGY
MONASH UNIVERSITY
MELBOURNE**

MOLECULAR BIOLOGY TECHNIQUES

An introductory course in recombinant DNA technology

Sunday 3 – Friday 8, December 2017

Micromon, in the School of Biomedical Sciences, is now seeking enquiries and applications for its next Molecular Biology short course which will provide comprehensive training in the essential skills of *recombinant DNA technology*. Highly regarded throughout the scientific community and by former participants, this outstanding and established course has attracted applicants from diverse backgrounds in private, government, scientific, clinical, educational and commercial organisations. It is an extremely intensive and demanding week-long course, designed to teach the fundamental skills of Molecular Biology to professionals from all scientific disciplines, who have had minimal previous experience. It is also an ideal workshop for those who would like to consolidate their current, basic-intermediate, skill level. Entry requirements include a tertiary level qualification in science, medicine or a related discipline. We will also accept applicants with extensive, practical laboratory experience.

The course consists of eleven hours of theory provided by a group of experienced lecturers who are all active researchers, experts in their relevant fields and are widely published. Full descriptions of their research work and publications can be found at med.monash.edu.au/microbiology/research

The practical training involves more than 30 hours of experimental laboratory work and tutorials. This is provided by graduate instructors who routinely use the applications and procedures in an active research environment. The key feature of the workshop is our tutor to participant ratio which is one to four, for all workshop sessions and tutorials. A comprehensive manual with all lecture slides, protocols, procedures and references is provided, together with a disk containing all lecture presentations.

The course fee is **\$1,950 (GST-exclusive)** and as part of the package we provide morning and afternoon teas, delicious gourmet lunches, and refreshments at the end of each day. Currently enrolled PhD students receive a 20 per cent discount. Also included in the package is the course dinner on the Thursday evening that includes awards and presentations. There is a range of demonstration equipment for use plus the relevant product information supplied by our commercial, scientific sponsors. A course attendance certificate will be awarded on completion. This package offers an excellent value for money opportunity for interested participants. Information on reasonably priced, university-based or private commercial accommodation can be provided on request.

Technical & Registration information:

Mr Mark Cauchi Tel. 61 3 9905 4830
mark.cauchi@monash.edu
micromon.monash.org



ASM VIC CALENDAR 2017

When planning meetings, please book dates with Karena Waller
(Phone: (03) 8344 0045, Email: klwaller@unimelb.edu.au)

- **Food Microbiology and One Health Event – 15th August 2017, Melbourne VIC**
- **Public Health Night – 30th August 2017, Melbourne VIC**
- **ASM Vic Branch Trivia Night – 12th September 2017, Melbourne VIC**
- **Tri-State Scientific Meeting & Parasitology Master Class – 22nd to 25th September 2017, Darwin NT**
- **VIIN Young Investigator Symposium – 16th October, Melbourne VIC**
- **AIMS/ASM Vic Branch Joint Conference – Science in the Spotlight – 18th to 19th November 2017, Maysville VIC**
- **Micromon Molecular Biology Techniques Course – 3rd to 8th December 2017, Clayton, VIC**

**Submission Deadline for May ASM Victorian News:
September 4th 2017**

Email submissions to: jhea@unimelb.edu.au or
cbutler@unimelb.edu.au