



# Victorian News

The Australian Society for Microbiology VIC Branch Newsletter

September 2017, Vol 504

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**Submission Deadline: 4<sup>th</sup> 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/>  
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[asmvicbranch@gmail.com](mailto:asmvicbranch@gmail.com)

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**Tuesday 10<sup>th</sup> October 2017**

# **Environmental Microbiology Evening**

## **Venue**

**BioSciences 2 Building (Building 122),  
The University of Melbourne,  
Royal Parade, Parkville VIC 3052.**

## **Time**

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

### **Confirmed speakers include:**

- **Prof Linda Blackall** – The Environmental Microbiology Research Initiative at the University of Melbourne
- **Dr Chris Greening** – Living on thin air: a minimalistic strategy for the survival of soil microorganisms
- **Prof Mark Osborne** – Microbial Ecology of the Plastisphere
- **Dr Doug Brumley** – The fluid mechanics of microbial communities

**Registration:** <https://www.trybooking.com/SASG>

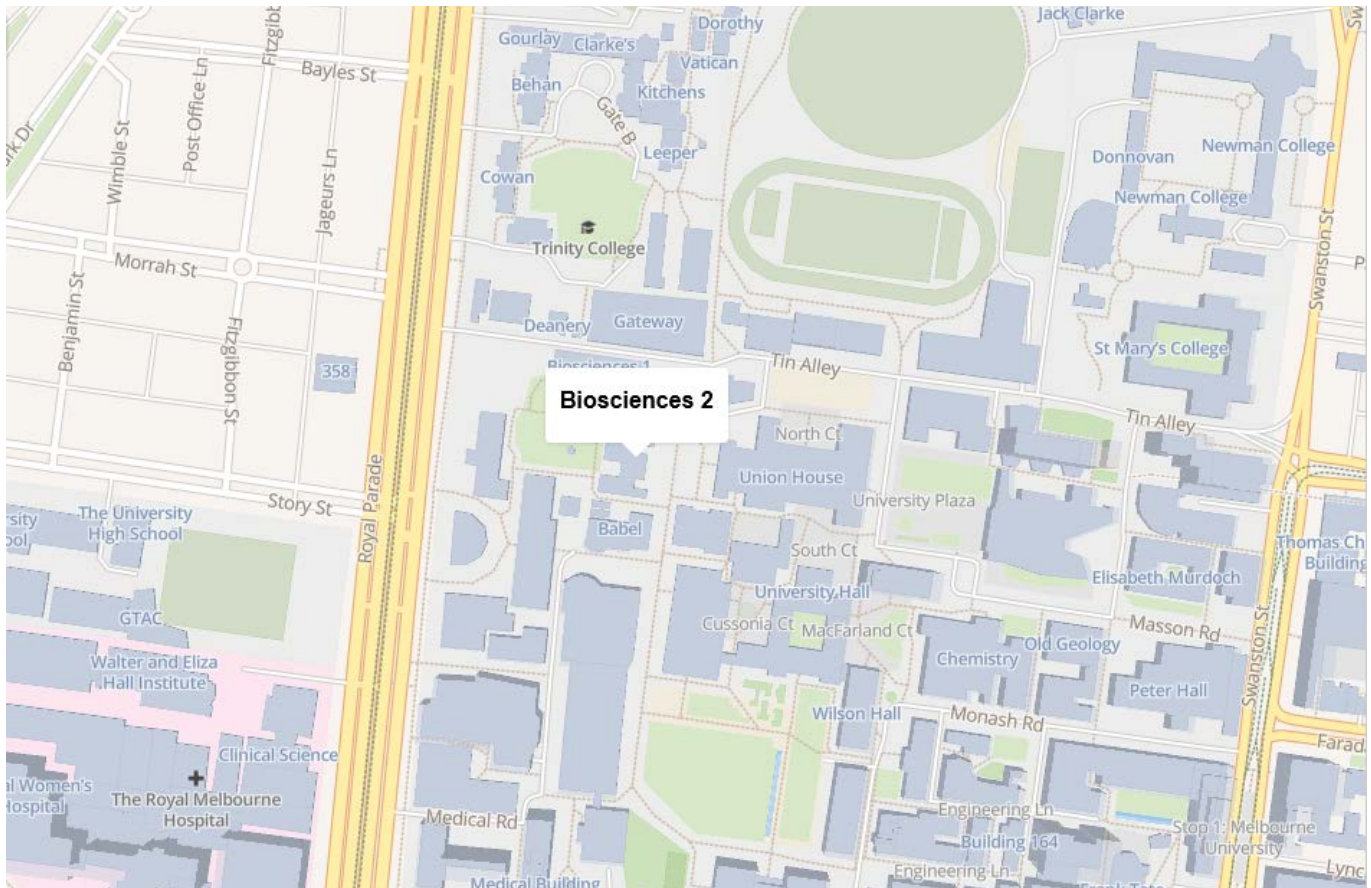
**RSVP by Friday October 6<sup>th</sup>!**

Free for ASM Members!

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

**Enquires:** Ed Fox ([edward.fox@csiro.au](mailto:edward.fox@csiro.au))

# Environmental Microbiology Evening



Location of the Biosciences 2 Building

**BioSciences 2 Building (Building 122),  
The University of Melbourne,  
Royal Parade, Parkville VIC 3052.**

# Northern News

**Tuesday 24th October 2017**

Proudly sponsored by:



**“Save the Date”**

**Speakers to be confirmed**

**Chairperson:** TBA

**Where:** Education Precinct Lecture Theatre, Level 4 Austin Tower  
Austin Hospital

**When:** Tuesday 24<sup>th</sup> October 2017

**Time:** 6.15pm onwards - Light Supper with talks to follow at 7.00pm

**Cost:** Free event for ASM Members (Student or Full Members)  
\$40 - Non-ASM Member  
\$15 - Student Non-ASM Member

**For catering purposes please RSVP for this event by 5pm Friday 20<sup>th</sup> October 2017**

For further details contact Seema Kanade ([seema.kanade@dorevitch.com.au](mailto:seema.kanade@dorevitch.com.au))  
Jaelyne Birrell ([jaelyne.birrell@gmail.com](mailto:jaelyne.birrell@gmail.com))

# Northern News

## Call for Abstracts

### Apply NOW to participate in Northern News 2017

Do you have interesting microbial discoveries to share? If so, then you should apply to present at this year's Northern News!

**Where:** Education Precinct Lecture Theatre, Level 4 Austin Tower  
Austin Hospital

**When:** Tuesday 24<sup>th</sup> October 2017

**Presentations:** Each speaker will deliver a 12 minute presentation and receive 3 minutes of questions from the audience

**Prize:** A prize will be awarded for the best presentation by a Medical Scientist (up to Grade 1 Yr 4). The prize will consist of a 1 year membership to the ASM and a certificate

**Applications:** Will include the submission of a 250 word abstract

**Application forms and instructions** can be obtained from Karena Waller ([klwaller@unimelb.edu.au](mailto:klwaller@unimelb.edu.au))

Please see future newsletters for full event and registration information, or contact Seema Kanade ([seema.kanade@dorevitch.com.au](mailto:seema.kanade@dorevitch.com.au)) or Jaelyne Birrell on [jaelyne.birrell@gmail.com](mailto:jaelyne.birrell@gmail.com)

**Abstracts submission closes: 5pm Friday 6<sup>th</sup> October 2017**

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 CLOSING 20th AUGUST

See ASM website for full program  
and registration details



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

[www.theasm.org.au](http://www.theasm.org.au)

# PARASITOLOGY

& TROPICAL MEDICINE S.I.G

Organised by

A.S.M. Victorian Branch

In collaboration with Doherty Institute

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The annual meeting of PTM SIG for 2017 will be held at Doherty Institute Auditorium

**Venue:** PDI Auditorium, 792 Elizabeth St, Melbourne 3000 (University of Melbourne)

**Date & Time:** Thurs 28 Sept 2017, 6-9 pm

## Program

**Meet and greet over Drinks/Dinner:** 6 – 7.15 pm

(Chandra's curries are back!)

Drinks sponsored by:

**ThermoFisher**  
SCIENTIFIC  
The world leader in serving science

**Talks:** 7.15 to 9 pm

- Update on epidemiology and diagnostics of STH : Dr Rebecca Traub (UoM)
    - Worm in my back: Dr Amy Crowe (STVM)
    - Doctor I cant sleep: Dr Linda Chew (RMH)
    - A fishy affair: TBA (Dorevitch)
- 

**Register through TryBooking**

<https://www.trybooking.com/ROLG> or <https://www.trybooking.com/308548>

**Note: Confirmation will be on payment only**







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

# Science in the Spotlight

**Saturday 18<sup>th</sup> & Sunday 19<sup>th</sup> 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

### **Abstract / Case Study submissions NOW OPEN:**

Would you like to present a 15 min talk or a poster? If so, contact Dr Ed Fox ([edward.fox@csiro.au](mailto:edward.fox@csiro.au)) for abstract submission instructions or go to the AIMS website. **Abstract submissions close: Friday 29<sup>th</sup> September 2017.**

### **Keynote speaker:**

- **Dr Denese Marks, Australian Red Cross Blood Service (NSW)**  
*How would you like your platelets: warm, cold or frozen?*

### **Featured speakers:**

- **Ms Robyn Coleman 'AIMS 2017 Travelling Orator', Sullivan Nicolaides Pathology (QLD)**  
*Coagulation Considerations in the Patient with Burns*
- **Mr David Barton, RMIT University**  
*Disaster in Relation to Attachment, Loss, Grief and Recovery: The Marysville Experience*

### **Confirmed speakers:**

- **Dr Nancy Endersby-Harshman, Bio21 Institute** *Using the bacterium, Wolbachia pipientis, to fight mosquito vector-borne disease*
- **Ms Michelle Francis, Monash Health** *The molecular revolution in GI diagnostic testing – Buyers beware, know your faecal pathogens*
- **Prof Bill Heath, Doherty Institute** *Understanding Immunity to Malaria Reveals a Novel Path to Vaccine Development*
- **Prof Karin Jandeleit-Dahm, Baker Heart and Diabetes Institute** *Novel targets in diabetic complications*
- **Dr James Knox, Melbourne Pathology** *Performance of a modified test for carbapenemase-producing Gram negative bacteria (title TBA shortly)*
- **Prof Johnson Mak, Deakin University/CSIRO** *Interferon epsilon promotes HIV restriction at multiple steps of viral replication*
- **Dr Peter Molloy, CSIRO** *Simple blood test for bowel cancer (title TBA shortly)*
- **Prof Greg Qiao, The University of Melbourne** *SNAPPy star-shaped peptide polymers for fighting drug-resistant bacteria*
- **Dr Catherine Satzke, Murdoch Childrens Research Institute** *Pneumococcal research (title TBA shortly)*
- **A/Prof Bayden Wood, Monash University** *A new infrared spectroscopic point-of-care diagnostic for the detection and quantification of pathogens in blood*
- **Prof Matthias Ernst, Olivia Newton John Cancer Research Institute** *Tumours and their microenvironment - Therapeutically targeting reciprocal interactions*
- **Dr Durga Mithraprabhu, Monash University/Alfred Hospital** *Investigating the utility of circulating cell-free tumour DNA for mutational characterisation and non-invasive therapeutic monitoring in multiple myeloma*
- **Dr Norelle Sherry, Austin Health/Melbourne Genomics Health Alliance** *Preventing antimicrobial-resistant infections using whole genome sequencing*
- **Dr Kortnye Smith, Peter MacCallum Cancer Centre/Melbourne Genomics Health Alliance** *Genomic sequencing in advanced solid cancers (title TBA shortly)*



**Proudly Sponsored by:**



**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 29<sup>th</sup> 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:

Friday 17<sup>th</sup> November rates are \$159 inclusive of breakfast for one or \$179 inclusive of breakfast for two  
Saturday 18<sup>th</sup> / Sunday 19<sup>th</sup> are \$169 inclusive of breakfast for one or \$189 inclusive of breakfast for two  
**Discounted room rates available until Tuesday 19<sup>th</sup> September 2017; and then subject to availability.**

**Registration Costs:** The FULL registration packages below include both Saturday and Sunday attendance, and the 3 course conference dinner (see below for details about the dinner).

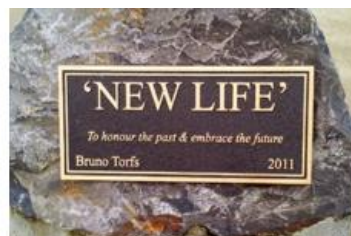
For those only attending one day of the conference, the conference dinner is an optional extra. Dinner tickets are priced at \$80 per person. Extra dinner tickets may also be purchased for family members and friends to participate in this social event (\$80 each).

	<b>AIMS / ASM members:</b>	<b>Non-members:</b>
Early Bird (before Sept 29 <sup>th</sup> ) FULL registration	\$295.00	\$355.00
FULL registration (after Sept 29 <sup>th</sup> )	\$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 three 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](mailto:kerryn.weekes@monashhealth.org)) or Karena Waller ([klwaller@unimelb.edu.au](mailto:klwaller@unimelb.edu.au))





# Food Microbiology and One Health

## Event Report

One Health approaches have seen much discussion in recent years, and there is a wealth of research being undertaken globally in this area, including some excellent microbiological data and understandings being generated across Australian research groups. One Health seeks to link human health to veterinary health and environmental wellbeing, to improve health outcomes for all involved and help to mitigate or avoid emerging crises which could undermine this, perhaps the most topical current example of such a crisis being the rise of antimicrobial resistant bacteria. An important component of the One Health paradigm which sometimes receives less focus is food production, including animals associated with food production chains as well as food products themselves. On August 15<sup>th</sup> ASM Vic Branch together with the Food Microbiology SIG brought together three leading scientists whose research is making important contributions to Australian and moreover global One Health research to help secure human public health, animal health and sustain a healthier environment.



Professor Glenn Browning of The University of Melbourne opened the evening with an overview of current antimicrobial use in animals across Australia, with detailed analysis on how these antimicrobials are being utilised across different animal cohorts and how Australia compares to other countries across the world (all in all very well actually!). Interestingly many of the challenges faced with the public expectation of antibiotic prescriptions to treat an illness, regardless of an identified bacterial etiology, are also challenges faced by veterinarians.

Dr Kari Gobius, who heads CSIRO's Food Safety and Stability Research Group, continued the evening's proceedings providing an analysis of the current dynamics of global food production and how this influences food safety and impacts the One Health approach – of particular note was the key challenge globalised food supply chains present to food safety. Data from surveillance initiatives directed by Kari's research group paint a positive picture in terms of Australian food production systems, with our prevalence of antimicrobial resistance comparing very favourably to other global jurisdictions. However despite this positive outlook, a globally

connected food chain presents potential for introduction of food safety problems to Australia including antimicrobial resistant bacteria from areas where this issue may be endemic, and a message of remaining vigilant is something we must keep at the forefront of our minds into the future.

Our final presentation was delivered by Dr Danielle Ingle, who demonstrated how new cutting-edge technologies can underpin our efforts to apply the One Health approach. Danielle and her colleagues at The Peter Doherty Institute for Infection and Immunity are leading Australia's participation in the 'Compare' initiative, a cohort of leading global research groups who are utilising Next Generation Sequencing technologies to improve identification and mitigation of emerging infectious diseases and foodborne outbreaks. Danielle demonstrated how the power of these new approaches can be harnessed to provide unparalleled epidemiological surveillance using the example of Shiga-toxigenic *Escherichia coli*, in particular how we can glean insights into issues such as host specificity, multi-jurisdictional outbreaks, and population structure.

This event also utilised an online webinar platform, which ASM Vic Branch will roll out to more events to provide greater access options for regional members to enjoy some of the fantastic science across Victoria and Australia! For regional members please keep an eye out for webinar registration options to make sure you can join us in enjoying some exciting microbiology! ☺

*Report written by: Dr Ed Fox*



## 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



## 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](mailto: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 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/>

The deadlines for all award applications are now **March 31<sup>st</sup>** of each year.



The ASM Vic Branch is keen to support microbiology students. SPASIM (Special Postgraduate Association for Students in Immunology and Microbiology) from the University of Melbourne (UoM), recently held their annual retreat. The ASM VIC Branch sponsored the “Best Short Talk in Microbiology”. The award was won by Marcela de lima Moreira. Marcela is a Study Abroad (Research) student who is visiting from Brazil for 6 months and is located in the lab of Prof. Jim McCluskey (UoM). The award was presented by Prof. Tim Stinear, UoM.



*Marcela de lima Moreira (left) receiving the “Best Short Talk in Microbiology” award from Prof. Tim Stinear (right)*

## 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/>**

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

# MICRO NEWS and VIEWS

- Gut microbiota of larvae has an impact on mosquito's ability to transmit human pathogens  
<https://www.sciencedaily.com/releases/2017/09/170906103603.htm>
- Wild yeasts are brewing up batches of trendy beers  
<https://www.sciencenews.org/blog/science-public/wild-yeasts-are-brewing-batches-trendy-beers?mode=topic&context=93&tgt=nr>
- Protein that extends life of yeast cells  
<https://www.sciencedaily.com/releases/2017/09/170906103559.htm>
- A new tool could one day improve Lyme disease diagnosis  
<https://www.sciencenews.org/article/new-tool-could-one-day-improve-lyme-disease-diagnosis?mode=topic&context=93&tgt=nr>
- Bacteria act as aphrodisiac for the closest relatives of animals  
<https://www.sciencedaily.com/releases/2017/09/170901135516.htm>
- Protecting the guardians - Gut bacteria can alter the protective effects of a gene that wards off type 1 diabetes  
<https://www.sciencedaily.com/releases/2017/08/170830155511.htm>
- Fungal infections reduce frogs' tolerance of heat  
<https://www.sciencedaily.com/releases/2017/08/170831180509.htm>
- New device zooms in on microbe behaviour at the right scale  
<https://phys.org/news/2017-09-device-microbe-behaviour-scale.html>
- Forensic science techniques help discover new molecular fossils  
<https://www.sciencedaily.com/releases/2017/08/170831091431.htm>
- Why Some Listeria Strains Survive Good Food Hygiene Standards  
<https://www.technologynetworks.com/genomics/news/why-some-listeria-strains-survive-good-food-hygiene-standards-291515>
- Emerging evidence links bacterial or viral infection with the neuropathology of Alzheimer's disease  
[http://www.the-scientist.com/?articles.view/articleNo/50212/title/Infographic--Brain-Infection-and-Alzheimer-s-Disease-Pathology/&utm\\_content=buffer321a&utm\\_medium=social&utm\\_source=facebook.com&utm\\_campaign=buffer/](http://www.the-scientist.com/?articles.view/articleNo/50212/title/Infographic--Brain-Infection-and-Alzheimer-s-Disease-Pathology/&utm_content=buffer321a&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer/)





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

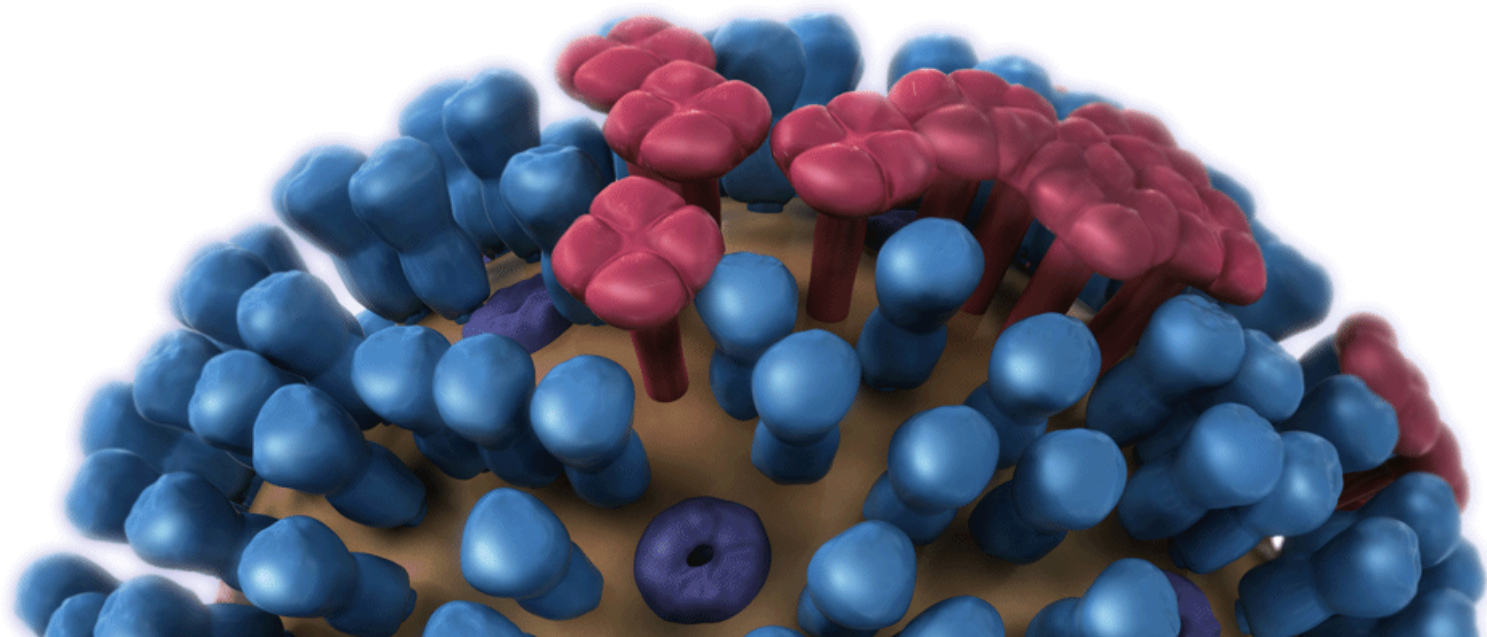
## Key Dates

- **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

# Australian Respiratory Virology Meeting



## REGISTRATIONS NOW OPEN

Visit our web page to register:

[http://influenzacentre.org/news\\_respiratoryvirology.htm](http://influenzacentre.org/news_respiratoryvirology.htm)

The Australian Respiratory Virology Meeting will be held over two days focusing on the latest research in all aspects of respiratory virology and aims to present talks from leading experts, as well as early career researchers and post-graduate students.

**Date:** Thursday, 2 November, 3:40-5:35pm (joint session with the [12th Australian Influenza Symposium](#)), and Friday, 3 November 2017

**Venue:**

The Peter Doherty Institute for Infection and Immunity  
792 Elizabeth St  
Melbourne, VIC 3000

**Cost:** FREE – registration is essential (optional dinner on Thursday, 2 November, \$60pp).

**For further information please email:**

Patrick Reading: [preading@unimelb.edu.au](mailto:preading@unimelb.edu.au)

Reena Ghildyal: [Reena.Ghildyal@canberra.edu.au](mailto:Reena.Ghildyal@canberra.edu.au)

Kirsten Spann: [Kirsten.Spann@qut.edu.au](mailto:Kirsten.Spann@qut.edu.au)



**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](http://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](http://micromon.monash.org)



# **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](mailto:klwaller@unimelb.edu.au))

# ASM VIC CALENDAR 2017

When planning meetings, please book dates with Karena Waller  
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- **ASM Vic Branch Trivia Night – 12<sup>th</sup> September 2017, Melbourne VIC**
- **Tri-State Scientific Meeting & Parasitology Master Class – 22<sup>nd</sup> to 25<sup>th</sup> September 2017, Darwin NT**
- **Parasitology and Tropical Medicine SIG Annual Meeting – 28<sup>th</sup> September 2017, Melbourne VIC**
- **ASM Vic Branch Environmental Microbiology Evening – 10<sup>th</sup> October 2017, Melbourne VIC**
- **VIIN Young Investigator Symposium – 16<sup>th</sup> October, Melbourne VIC**
- **ASM Vic Branch Northern News – 24<sup>th</sup> October 2017, Heidelberg VIC**
- **Australian Respiratory Virology Meeting – 2<sup>nd</sup> to 3<sup>rd</sup> November 2017, Melbourne VIC**
- **AIMS/ASM Vic Branch Joint Conference – Science in the Spotlight – 18<sup>th</sup> to 19<sup>th</sup> November 2017, Marysville VIC**
- **Micromon Molecular Biology Techniques Course – 3<sup>rd</sup> to 8<sup>th</sup> December 2017, Clayton, VIC**

**Submission Deadline for October ASM Victorian  
News:  
October 4<sup>th</sup> 2017**

Email submissions to: [jhea@unimelb.edu.au](mailto:jhea@unimelb.edu.au) or  
[cbutler@unimelb.edu.au](mailto:cbutler@unimelb.edu.au)