



Victorian News

The Australian Society for Microbiology VIC Branch Newsletter

October 2017, Vol 505

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Submission Deadline: 4th of the Month

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

Contact Details

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2017 Trivia Night

- Event Report -

On Tuesday 12th September 2017, the Victorian ASM Branch held its 6th annual Trivia Night at the City of Melbourne Bowls Club (located in Flagstaff Gardens, West Melbourne). Eight teams (57 participants) representing the Peter Doherty Institute (PDI), Melbourne Diagnostic Unit (MDU), Melbourne Dental School (MDS), The University of Melbourne, Monash University, The Royal Children's Hospital (Melbourne), MicroGenetix and several other groups across Melbourne competed in 10 rounds of Trivia. The Trivia was interspersed with table games including Name that Flag (always a bit tricky) and Head or Tails (a trivia night staple). At the end of the night the final results were exceptionally close, but team Fluid Dynamics triumphed with a 2-point margin.

Special thanks for the evening must go to:

- Members of SPASIM (the Special Postgraduate Association for Students of Immunology and Microbiology at The University of Melbourne) led by Catriona Nguyen-Robertson, for organising such a great night of trivia for us all to enjoy with some really interesting and challenging questions.
- MicroGenetix for their generous financial support and ThermoFisher Scientific for providing merchandise for the prizes; prizes were awarded for 1st, 2nd, 3rd and Last placed teams.
- City of Melbourne Bowls Club for the use of their fantastic venue and generously providing a bowls session as the main 1st prize.

With another successful Trivia Night this year, we look forward to continuing the tradition next year with much anticipation!



ThermoFisher
SCIENTIFIC





Everyone having a great time.



First Prize winners – Fluid Dynamics: Caterina Almeida, Scott Reddiex, Garth Cameron, Chris Harpur, Marcin Ciula from the PDI.



Second Prize winners – Table 1: Mary Valcanis, Karena Waller, Jane Bourke, Alec Valcanis, Louise Adams and Sarah Baines from the PDI and MDU.



Third Prize winners – Quiz on Me: Kaitlyn Hall, Miriam Dias Santilhano, Nicole Orlando, Ben Quigley, Anthony D’Agata, Nicole Isles, Savi Ramboccas and Samantha Hall.



Last Prize winners – CBB: Kerrie Stevens, Courtney Lane, Donna Cameron and Wendy Siryj.

Northern News

Tuesday 24th October 2017

Proudly sponsored by:



Call for Audience

Confirmed Speakers:

- ✚ Title-TBA : Trudi Bannan (Austin Health) & Courtney Lane (MDU)
- ✚ Parvimonas- Pathogen or Commensal – Living up to its Potential : Prudence Waters (Dorevitch Pathology)
- ✚ ~~My Kitchen~~ Colistin Rules (You can teach an old drugs new tricks) : Nicola Woodfield (Melbourne Pathology)
- ✚ Epidemiological & Genomic Analysis of Transmission of Salmonella Enteritidis in Victoria : Nicole Isles (MDU)

Chairperson: Dr. Marcel Leroi

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

When: Tuesday 24th 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 20th October 2017

<https://www.trybooking.com/SIXM>

For further details contact Seema Kanade (seema.kanade@dorevitch.com.au)

Jaelyne Birrell (jaelyne.birrell@gmail.com)



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



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) for abstract submission instructions or go to the AIMS website. **Abstract submissions EXTENDED to: Friday 13th October 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** *Phenotypic Detection of Carbapenemase Producing Gram Negatives – Past, Present and Future*
- **Prof Johnson Mak, Deakin University/CSIRO** *Interferon epsilon promotes HIV restriction at multiple steps of viral replication*
- **Dr Peter Molloy, CSIRO** *Development of a blood-based test for detection of colorectal cancer-derived DNA*
- **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 vaccines in the Asia Pacific*
- **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** *Integration of Complex Genomic Sequencing into Cancer Care: An evaluation of clinical utility, feasibility and attitudes towards its use in Patients with Advanced Cancer.*

See over page for registration details and prices.

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>

GOOD NEWS! EARLY BIRD EXTENDED TO FRIDAY 13th OCTOBER 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 17th November rates are \$159 inclusive of breakfast for one or \$179 inclusive of breakfast for two

Saturday 18th / Sunday 19th are \$169 inclusive of breakfast for one or \$189 inclusive of breakfast for two

Discounted room rates are subject to availability, so get in quick!

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).

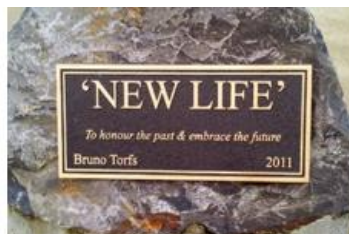
For those only attending one day of the conference, the conference dinner is an optional extra. Dinner tickets are priced at \$80 per person. Extra dinner tickets may also be purchased for family members and friends to participate in this social event (\$80 each).

| | AIMS / ASM members: | Non-members: |
|---|----------------------------|---------------------|
| Early Bird (before Oct 13 th) FULL registration | \$295.00 | \$355.00 |
| FULL registration (after Oct 13 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 three course conference dinner with canapes and pre-dinner drinks will be served which will feature modern Australian cuisine, local wine, beer and house made bread. The dishes have 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)



ASM Victorian Branch

Microbial Art Prize

Calling all artistic individuals! Submit your microbiology themed images for a chance to win the inaugural ASM VIC Branch Microbial Art Prize and have your work displayed at ASM events!

Image Details:

All types of scientific images are welcome

- Images
- must have a microbiological theme
 - must be high resolution and suitable for printing on a 1x2m banner
 - must be accompanied with a description of what the image illustrates and how it was generated (<100 words)

Prize:

The winning image will be printed on an ASM floor banner to be displayed at ASM events

The winner's name and image description will be included on the banner

The winner will receive a \$100 prize

The winning image will be selected by the ASM Vic Branch committee

Competition Entry Conditions:

Maximum 2 entries per person

Submitter must be the owner of the image

Submitter must be a member of ASM

A complete entry consists of:

- (1) image (.jpeg, .tiff or .svg),
- (2) a description of the image (<100 words),
- and (3) the submitter's details (name, position, institution)

Competition closes 24th November 2017

Please send all entries (and questions) to: **Sarah Baines** bainess@unimelb.edu.au

Please note that by submitting an entry you agree that if your image is selected the ASM Victorian Branch Committee reserves the right to use the image as promotional material at ASM-organised and ASM-sponsored events. The image may be edited at the discretion of the ASM Victorian Branch Committee. The submitter's name will always be included with the image when used.



ASM VIC Branch

is very pleased to announce

**Applications for the Summer Student Research Awards
are now OPEN**

The Summer Student Research Awards are designed to enable undergraduate students taking subjects in Microbiology (and Masters by Coursework students taking subjects in Microbiology) to complete a research experience in the laboratory of an ASM member, on a specific research project.

These awards will operate in the Summer of 2018, and will comprise a 4-week research experience. Successful (student) applicants will receive \$1500 (upon completion of the project and submission of an adequate post-experience report), plus a free 1 yr student membership to the ASM. A maximum of 4 awards may be awarded each application round, subject to the quality of the applications.

For additional information about the Awards, including the Eligibility Criteria, Application Information, Assessment of Applications and Conditions of the Award, please email Karena Waller (klwaller@unimelb.edu.au)

Applications close at 5pm on Friday 17 November 2017.



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 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 31st** of each year.



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

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

- A Texas Woman Has Died From 'Flesh-Eating Bacteria' in Harvey's Floodwaters
<http://www.sciencealert.com/a-woman-in-texas-has-died-after-flesh-eating-bacteria-in-harvey-s-floodwaters-seeped-into-a-wound>
- A Vaccine Is Being Developed For Preventing Tooth Decay And It Sounds Amazing
<http://www.sciencealert.com/scientists-are-developing-a-vaccine-that-could-prevent-tooth-decay>
- Viral Trigger for Celiac Disease?
<http://www.the-scientist.com/?articles.view/articleNo/49151/title/Viral-Trigger-for-Celiac-Disease/>
- With Designer Bacteria, Crops Could One Day Fertilize Themselves
<https://www.wired.com/story/with-designer-bacteria-crops-could-one-day-fertilize-themselves/>
- WHO provides 1.2 million antibiotics to fight plague in Madagascar
<http://www.who.int/mediacentre/news/releases/2017/antibiotics-plague-madagascar/en/>
- Lena Pernas sees parasitic infection as a kind of Hunger Games
<https://www.sciencenews.org/article/lena-pernas-sn-10-scientists-to-watch>
- Live antibiotics use bacteria to kill bacteria
<https://www.sciencenews.org/article/live-antibiotics-use-bacteria-kill-bacteria>
- How bacteria hinder chemotherapy
<https://www.sciencedaily.com/releases/2017/09/170918100656.htm>
- Chatting coordinates heterogeneity in bacteria
<https://www.sciencedaily.com/releases/2017/07/170726103015.htm>
- US Olympians at 2016 Rio Games were infected with West Nile virus, not Zika
<https://www.sciencedaily.com/releases/2017/10/171007172948.htm>
- Microbiology: Many forks make light work
<https://www.sciencedaily.com/releases/2017/06/170607123908.htm>



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

Co-hosted by the Centre for Infectious Diseases and Microbiology – Public Health, the Marie Bashir Institute for Infectious Diseases and Biosecurity (MBI), The University of Sydney, Microbiological Diagnostic Unit Public Health Laboratory, and the Peter Doherty Institute for Infection and Immunity.

SYMPOSIUM

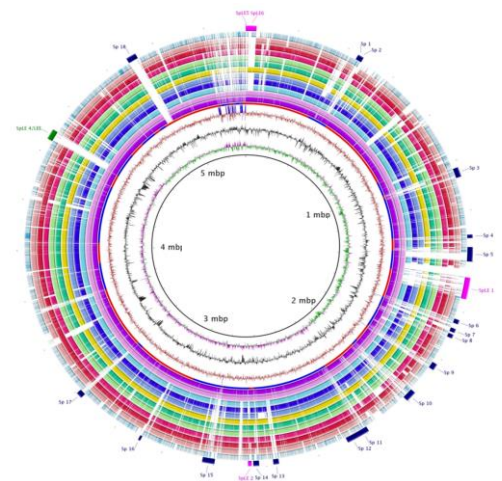
MICROBIAL GENOMICS FOR PUBLIC HEALTH AND CLINICAL MICROBIOLOGY

20 OCTOBER 2017

Loewenthal Auditorium, Westmead Education & Conference
Centre, Westmead Hospital, Sydney

Registration: <https://symposiummicrobialgenomics.eventbrite.com.au>

Email for enquiries: WSLHD-CIDM-PH@health.nsw.gov.au



Organisers & Confirmed Speakers:

Sharon Chen, Centre for Infectious Diseases and Microbiology Laboratory Services, NSW Health Pathology

Aaron Darling, itthree Institute, University of Technology, Sydney

Dominic Dwyer, NSW Health Pathology

Alicia Fajardo Lubian, Westmead Institute for Medical Research, University of Sydney

Jon Iredell, Westmead Institute for Medical Research, Westmead Hospital, MBI, University of Sydney

Ben Howden, Doherty Applied Microbial Genomics, MDU-PHL, University of Melbourne

Tanya Golubchik, Wellcome Trust Centre for Human Genetics, University of Oxford

Amy Jennison, Forensic and Scientific Services, Queensland Health

Lachlan Coin, Institute for Molecular Bioscience, University of Queensland

Ruiting Lan, School of Biotechnology and Biomolecular Sciences, University of New South Wales

Fabio Luciani, School of Medical Sciences, University of New South Wales

Tania Sorrell, Marie Bashir Institute (MBI), University of Sydney

Vitali Sintchenko, Centre for Infectious Diseases and Microbiology-Public Health, MBI, University of Sydney

Tim Stinear, Doherty Applied Microbial Genomics, University of Melbourne

Deborah Williamson, Doherty Applied Microbial Genomics, MDU-PHL, University of Melbourne

Kelly Wyres, Bio21 Institute, University of Melbourne

Microbial Genomics for Public Health and Clinical Microbiology Symposium Program

Event Details

Friday 20 October 2017

Venue: Loewenthal Auditorium, Westmead Education & Conference Centre, Westmead Hospital

| | |
|-------------|---|
| 8.00-9.00 | Registration |
| 9.00-9.10 | Symposium Opening <i>Professor Brendan Murphy, Commonwealth Department of Health</i> |
| 9.10-9.20 | Welcome <i>Professor Tania Sorrell, Marie Bashir Institute, The University of Sydney</i> |
| Session 1 | Pathogen metagenomics and culture-independent testing Chair: Professor Tania Sorrell |
| 9.20-10.00 | Pathogen Metagenomics: the quest for the one true test <i>Dr Tanya Golubchik, Wellcome Trust Centre for Human Genetics, University of Oxford</i> |
| 10.00-10.25 | Statistical methods for real-time phylogenetic analysis of pathogens <i>A/Prof Aaron Darling, ithree Institute, University of Technology Sydney</i> |
| 10.25-10.50 | Rapid, culture-free sequencing using nanopore sequencing <i>A/Prof Lachlan Coin, Institute for Molecular Bioscience, University of Queensland</i> |
| 10.50-11.20 | Morning Tea |
| Session 2 | Interface of Epidemiology and Genomics Chair: A/Professor Vitali Sintchenko |
| 11.20-11.45 | Communicable Diseases Pathogen Network Australia <i>Professor Benjamin Howden, Doherty Applied Microbial Genomics/ MDU-PHL</i> |
| 11.45-12.10 | Genomics guided pathogen detection and surveillance <i>Dr Amy Jennison, Forensic and Scientific Services, Queensland Health</i> |
| 12.10-12.30 | New methods of genomics analysis of Salmonella populations <i>A/Prof Ruiting Lan, School of Medical Sciences, University of New South Wales</i> |
| 12.30-12.50 | Applying genomics to enteric disease investigation <i>Dr Deborah Williamson, Doherty Applied Microbial Genomics/ MDU PHL</i> |
| 12.50-13.40 | Lunch |

Microbial Genomics for Public Health and Clinical Microbiology Symposium Program

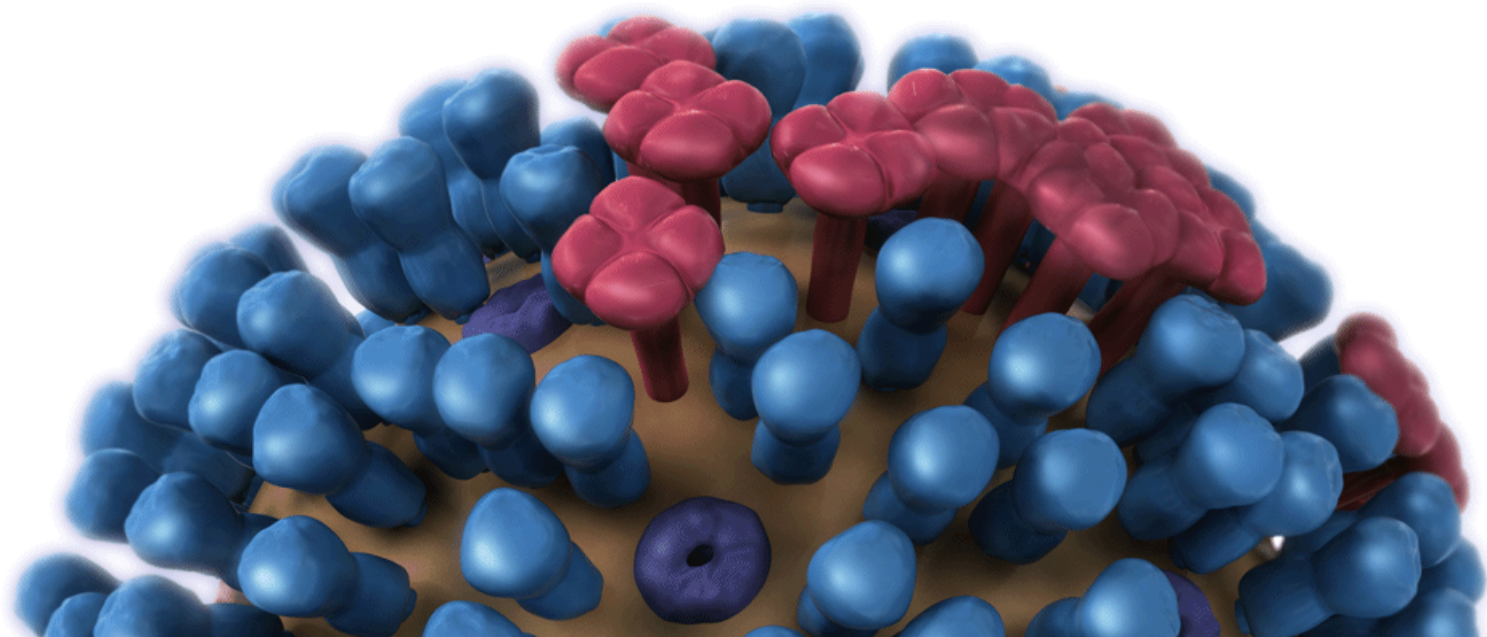
Event Details

Friday 20 October 2017

Venue: Loewenthal Auditorium, Westmead Education & Conference Centre, Westmead Hospital

| | |
|-------------|---|
| Session 3 | CREID – Genomics of drug resistance Chair: Dr Deborah Williamson |
| 13.40-14.00 | Clinical implications and mechanisms of antibiotic resistance in critically ill <i>Professor Jon Iredell, CIDM-PH/Westmead Institute for Medical Research</i> |
| 14.00-14.20 | Direct sequencing of AMR pathogens <i>Professor Tim Stinear, Doherty Applied Microbial Genomics</i> |
| 14.20-14.40 | Understanding <i>Klebsiella pneumoniae</i> drug-resistance, virulence and the threat of convergence <i>Dr Kelly Wyres, Bio21 Institute, University of Melbourne</i> |
| 14.40-15.00 | Genome-wide analysis of drug resistance in <i>Candida glabrata</i> <i>A/Prof Sharon Chen, CIDM-PH/ NSW Health Pathology/MBI-University of Sydney</i> |
| 15.00-15.30 | <i>Afternoon Tea</i> |
| Session 4 | Implementation of genomics in disease management and control Chair: Professor Dominic Dwyer |
| 15.30-15.50 | Genomics insights into epidemiology of hepatitis C virus <i>A/Prof Fabio Luciani, School of Medical Sciences, University of New South Wales</i> |
| 15.50-16.10 | Sharing of genomic data for national laboratory surveillance <i>Dr Anders Conçalves Da Silva, Doherty Applied Microbial Genomics/ MDU-PHL</i> |
| 16.10-16.30 | Public health value of genomic surveillance of Salmonella Typhimurium <i>Ms Keira Glasgow, Health Protection NSW</i> |
| 16.30-16.50 | NSW Public Health Pathogen Genomics Partnerships <i>A/Prof Vitali Sintchenko, CIDM-PH/MBI- University of Sydney</i> |
| 16.50-17.00 | CLOSING COMMENTS |

Australian Respiratory Virology Meeting



REGISTRATIONS NOW OPEN

Visit our web page to register:

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

Reena Ghildyal: Reena.Ghildyal@canberra.edu.au

Kirsten Spann: 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

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



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)

ASM VIC CALENDAR 2017

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

- **ASM Vic Branch Environmental Microbiology Evening – 10th October 2017, Melbourne VIC**
- **VIIN Young Investigator Symposium – 16th October, Melbourne VIC**
- **Microbial Genomics for Public Health and Clinical Microbiology – 20th October, Sydney NSW**
- **ASM Vic Branch Northern News – 24th October 2017, Heidelberg VIC**
- **Australian Respiratory Virology Meeting – 2nd to 3rd November 2017, Melbourne VIC**
- **AIMS/ASM Vic Branch Joint Conference – Science in the Spotlight – 18th to 19th November 2017, Marysville VIC**
- **Micromon Molecular Biology Techniques Course – 3rd to 8th December 2017, Clayton, VIC**

**Submission Deadline for November ASM Victorian
News:
November 4th 2017**

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