

LEADING THE **WAY** IN **BIOMEDICAL SCIENCE**

# BIOCHEMISTRY BUZZ

July 2018 || Issue#29



Department of Biochemistry  
Yong Loo Lin School of Medicine

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# HOD's Message

Dear All,

Over the past half year, members of the Department have won numerous grant, teaching, long service and other awards of distinction; colleagues have been promoted and students graduated successfully. Heartiest congratulations again and please keep up the good work. Many thanks also to those involved in putting together the long list of achievements in the Biochemistry Buzz.

We have also enjoyed several events organized to exchange ideas on education, research, safety as well as general thoughts, e.g. over lunch. Exchange of ideas in relation to developments that affect the Department as a whole are increasingly important given the rapidly changing environment. Such an 'upcoming trends' event is in the planning phase with a new format to encourage participation and discussion.

A warm welcome to all new members of the Department. If I haven't met you already, I certainly look forward to it during an upcoming gathering or one-on-one meeting.

Many thanks to all for their hard work and contribution to the Department. I wish you an enjoyable continuation of the semester break and look forward to seeing you again in the new semester.

All the best,  
**Markus**





# Staff Awards



Professor Markus Wenk was bestowed the European Lipid Science Award 2018 by the European Federation for the Science and Technology of Lipids (Euro Fed Lipid).

[Source](#)



Professor Brian Kennedy received the Denham Harman Award for Research by American Aging Association.

[Source](#)



A/P Yeong Foong May was appointed as Fellow of the NUS Teaching Academy for 3 years effective 1 July 2018 to 30 June 2021.



A/P Theresa Tan was awarded the Yong Loo Lin School of Medicine Teaching Excellence Award for AY2016/2017.



Dr Kenneth Ban was awarded the Yong Loo Lin School of Medicine Teaching Excellence Award and Educator Award for AY2016/2017.



# Staff Promotions



**Dr Lee Seow Chong** was promoted to **Instructor** effective 1 January 2018.

**Mrs Long Lee Hua** was promoted to **Laboratory Manager** effective 1 January 2018.



**Mr Sim Yi Loong, Arthur** was promoted to **Laboratory Executive M2** effective 1 July 2018.

**Mdm Fatihah Ithnin** was promoted to **Senior Assistant Manager** effective 1 July 2018.



# Research Discovery

## Cocktail of bacteria and broccoli may keep cancer at bay

**NUS researchers find a way to turn bacteria residing in human gut into a probiotic**

[Read More](#)

The Straits Times | February 15, 2018



SynCTI Team led by A/P Matthew Chang, discovered a way to turn a harmless cocktail of the common gut bacteria *E.coli* Nissle and broccoli into a potent anti-cancer mix. The concoction has been proven in the laboratory to kill off 95% of lab-cultured colon cancer cells.

[Read More](#)

# Grant Awards

**\$179,716.16**

**Professor Barry Halliwell**

Evaluating the cardioprotective potential of ergothioneine against anthracycline cardiotoxicity

**NUHS Joint Grant Call (FY17 1st Call)**

**\$250,000**

**A/P Gan Yunn Hwen**

Selective Contact-Active Cationic Antimicrobial Biomacromolecules  
(Theme II: Mechanistic Studies with Different Pathogens)

**MoE Tier 3 Grant Call**

**\$215,000**

**A/P Too Heng-Phon**

Peptide Ligase: Molecular Gluer for Proteins

**MoE Tier 3 Grant Call**

**\$550,000**

**Dr Jiang Jianming**

Repair through Direct Cardiac Reprogramming

**OFIRG17may Grant Call (May 2017)**

**\$1,500,000**

**Dr Nguyen Nam Long**

Mechanisms of sphingosine-1-phosphate signaling in vascular health and disease

**OFIRG17nov069**

**\$179,900**

Novel anti-oxidant and anti-inflammatory roles of Fam213a for kidney functions

**T1-NUHS Joint Grant Call FY17**

**\$25,000**

Guiding T lymphocytes by sphingosine-1 phosphate to tissues to kill cancers

**Cross-Faculty Research Grant for Interdisciplinary Research**

# Long Service Awards

45

**Mrs Tan Boon Keng**

35

**A/P Chua Kim Lee**

30

**A/P Tan Tin Wee**

20

**A/P Clement, Marie-Veronique  
Mdm Qian Feng**

15

**Dr Lim Yoon Pin**

10

**A/P Thilo Hagen  
Dr Irwin Cheah Kee-Mun  
Dr Jeya Kumar s/o Ramalingam  
Mdm Lim Sook Min Amanda**

5

**Dr Nguyen Nam Long  
Dr Yap Lai Lai  
Dr Lee Seow Chong**

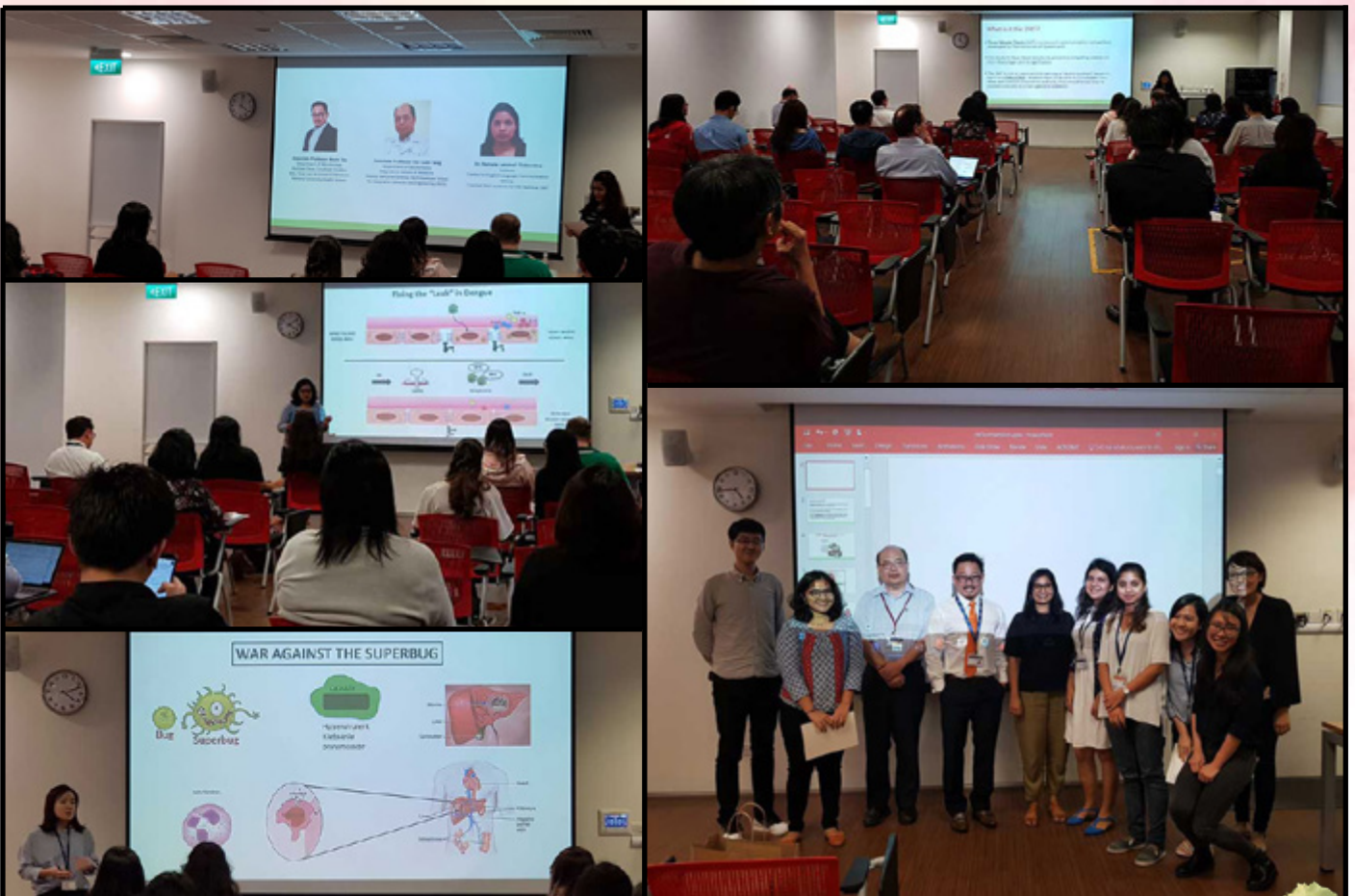


# Student Awards

## 3 Minutes Thesis (3MT) at Seminar Room M9 {22 May 2018}

Biochemistry Graduate Student Association (BiGSA) in collaboration with Microbiology and Immunology Graduate Student Society (MIGSS) organised the 3 Minute Thesis Competition (3MT) held on 22 May 2018.

The 3MT aims to help students/staff to improve presentation skills, obtain better communication skills, develop the capacity to explain work in an effective manner, give participants a feel of what they can expect from the national contest. In addition, this format also help participants to know how to effectively communicate their research to non-science people. As part of the competition, students/staff are expected to present their thesis/work to an intelligent but non specialized audience in just 3 Minutes!!!



# Student Conferment

**Matias Jose Caldez, PhD**

**Main Supervisor:** A/P Philipp Roland Kaldis  
**Conferred Date:** 31/11/2017

**Di Pascale Federica, PhD**

**Main Supervisor:** A/P Prabha Sampath  
**Conferred Date:** 31/12/2017

**Ng Zhen Long, MSc**

**Main Supervisor:** Dr Long Yun Chau  
**Conferred Date:** 31/01/2018

**Chow Ai Lee, PhD**

**Main Supervisor:** Dr Long Yun Chau  
**Conferred Date:** 31/3/2018

**Deepa Rajagopalan, PhD**

**Main Supervisor:** Dr Sudhakar Jha  
**Conferred Date:** 31/3/2018

**Tay Song Buck, Terrence  
PhD**

**Main Supervisor:** A/P Yew Wen San  
**Conferred Date:** 31/12/2018

# New Students



**Anthony Moises Torres Ruesta**  
PhD

**Main Supervisor:** A/P Lisa Ng Fong Poh  
**Co-Supervisor:** A/P Gan Yunn Hwen



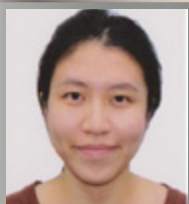
**Jayashree D/O Selvalatchmanan**  
PhD

**Main Supervisor:** Dr Federico Tesio Torta  
**Co-Supervisors:** Prof Markus Wenk  
Dr David Bradley



**Lam Tsz Fung**  
PhD

**Main Supervisor:** Dr Chen Ee Sin  
**Co-Supervisor:** A/P Tan Tin Wee



**Lee Hui Ling**  
PhD

**Main Supervisor:** A/P Chang Matthew Wook  
**Co-Supervisor:** A/P Yew Wen Shan



**Johann Shane Tian**  
PhD

**Main Supervisor:** Dr Sudhakar Jha  
**Co-Supervisor:** A/P Caroline Lee



**Ran Xuebin**  
PhD

**Main Supervisor:** Dr Sudhakar Jha  
**Co-Supervisors:** Prof H Phillip Koeffler  
Prof Chng Wee Joo



**Sheng Taotao**  
PhD

**Main Supervisor:** Dr Sudhakar Jha  
**Co-Supervisors:** Prof Patrick Tan  
A/P Too Heng-Phon



**Farhana Tukijan**  
PhD

**Main Supervisor:** Dr Nguyen Nam Long  
**Co-Supervisor:** Prof Markus Wenk





# New Staff

**Yong Kol Jia  
Senior Tutor**

RO : Professor Markus Wenk  
Date Joined : 09-04-2018



**Cheong Jit Kong  
Research Assistant Professor**

RO : A/P Too Heng-Phon  
Date Joined : 05-03-2018



**Ho Yoon Khei  
Senior Research Fellow**

RO : A/P Too Heng-Phon  
Date Joined : 02-10-2017



**Xia Pengfei  
Research Fellow**

RO : A/P Matthew Chang  
Date Joined : 11-10-2017



**Sartaj Ahmad Mir  
Research Fellow**

RO : Professor Markus Wenk  
Date Joined : 16-10-2017



**Morphy Carmen Dumlao  
Research Fellow**

RO : A/P Yew Wen Shan  
Date Joined : 09-02-2018



**Tan Chia Yee  
Research Fellow**

RO : Dr Jiang Jianming  
Date Joined : 09-02-2018



**Nikhil Kumar Tulsian  
Research Fellow**

RO : Professor Markus Wenk  
Date Joined : 16-04-2018



**Nin Sijin Dawn  
Research Fellow**

RO : A/P Deng Lih Wen  
Date Joined : 05-03-2018



**Yossa Dwi Hartono  
Research Fellow**

RO : A/P Yew Wen Shan  
Date Joined : 12-04-2018





# New Staff

**Sam Qi Hui**  
**Research Associate**  
RO : A/P Matthew Chang  
Date Joined : 05-03-2018



**Sudhagar s/o Jayaraman**  
**Research Associate**  
RO : A/P Too Heng-Phon  
Date Joined : 28-06-2018



**Rashmi Rajasabhai**  
**Research Assistant**  
RO : A/P Yew Wen Shan  
Date Joined : 15-01-2018



**Melissa Hum Wen Ching**  
**Research Assistant**  
RO : Dr Lim Yoon Pin  
Date Joined : 02-02-2018



**Koh Wei Chuan Elvin**  
**Research Assistant**  
RO : A/P Matthew Chang  
Date Joined : 09-04-2018



**Hoh Chu Han**  
**Research Assistant**  
RO : A/P Gan Yunn Hwen  
Date Joined : 19-02-2018



**Pham Hoang Long**  
**Research Assistant**  
RO : A/P Matthew Chang  
Date Joined : 08-03-2018



**Yim Jian Nam Jelvis**  
**Research Assistant**  
RO : Dr Chen Ee Sin  
Date Joined : 14-03-2018



**Chan Pui Shi**  
**Research Assistant**  
*Change of Track*  
RO : Dr Jiang Jianming  
Date Joined : 01-04-2018



**Wong Jing Xuan**  
**Research Assistant**  
*Change of Track*  
RO : Dr Jiang Jianming  
Date Joined : 01-04-2018



# New Staff

**Tang Jia Ying**  
**Research Assistant**  
RO : Dr Cheong Jit Kong  
Date Joined : 01-05-2018



**Ding Mei**  
**Research Assistant**  
RO : Professor Markus Wenk  
Date Joined : 18-06-2018



**Nguyen Thi Thuy Trang**  
**Teaching Assistant**  
*Change of Track*  
RO : A/P Yeong Foong May  
Date Joined : 01-02-2018



**Gaynor Yong Li Li**  
**Senior Manager**  
RO : A/P Matthew Chang  
Date Joined: 15-01-2018



**Zeng Renhuang Gabriel**  
**Senior Assistant Manager**  
RO : Ms Gaynor Yong Li Li  
Date Joined : 09-05-2018



**Ng Tee Kheang**  
**Senior Lab Executive**  
*Change of Track*  
RO : A/P Matthew Chang  
Date Joined : 19-03-2018



**Steffie Whaung Shih-Teen**  
**Laboratory Technologist**  
RO : A/P Yew Wen Shan  
Date Joined : 18-06-2018



**Bhanumati Kandasamy**  
**Operations Associate**  
RO : Mrs Long Lee Hua  
Date Joined : 18-06-2018





# Student Travel Fellowship

Desi  
PI: Dr Yvonne Tay  
Trip: March 2018



Ms Desi

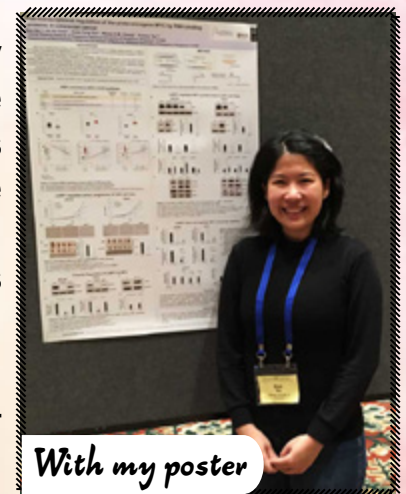
Conference:  
Noncoding RNAs: Form,  
Function, Physiology (C2)

Date:  
25 February – 1 March 2018

Location:  
Keystone, Colorado, USA

## BIOCHEMISTRY STUDENT TRAVEL FELLOWSHIP - POST CONFERENCE

From the talks, I learned many areas of RNA biology which were not just confined to cancer. These helped me widen my perspective and provided me with more choices of RNA research beyond cancer. In addition, some of the talks integrate the different areas of research, for example, regulation of DNA or protein by RNA. There were a few talks that offered online tools for prediction of RNA structure and RNA-binding proteins. This could help me with my project. The most important learning point was the cis- and trans-regulation of noncoding RNAs.



*With my poster*



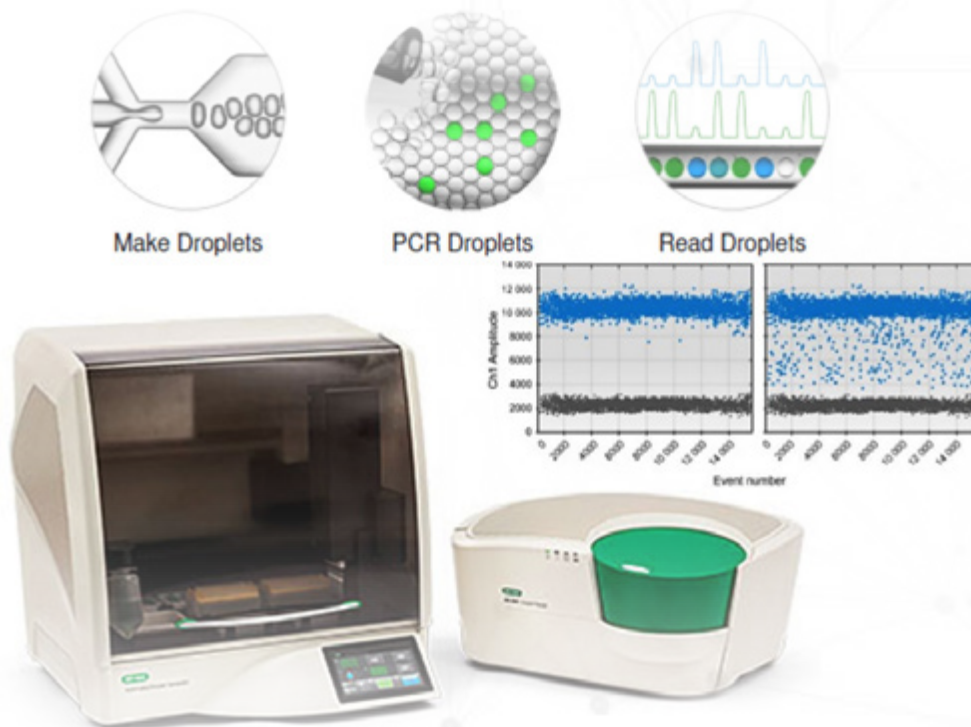
*Snow Shoes Eco Tour by Nordic Center*

Through this conference, I received many suggestions on how to improve my project. In addition, I met Professor Bushell from University of Leicester, United Kingdom, who was very interested in my project and offered potential collaboration.

# Core Facilities/ Department Equipment Sharing

Lab Manager (Research) : Dr Yap Lai Lai

## Droplet Digital PCR: The Third Generation of PCR



The BioRad QX200 AutoDG Droplet Digital PCR (ddPCR™) System provides absolute quantification of target DNA or RNA molecules for EvaGreen or probe-based digital PCR applications. The advantages of this system includes:

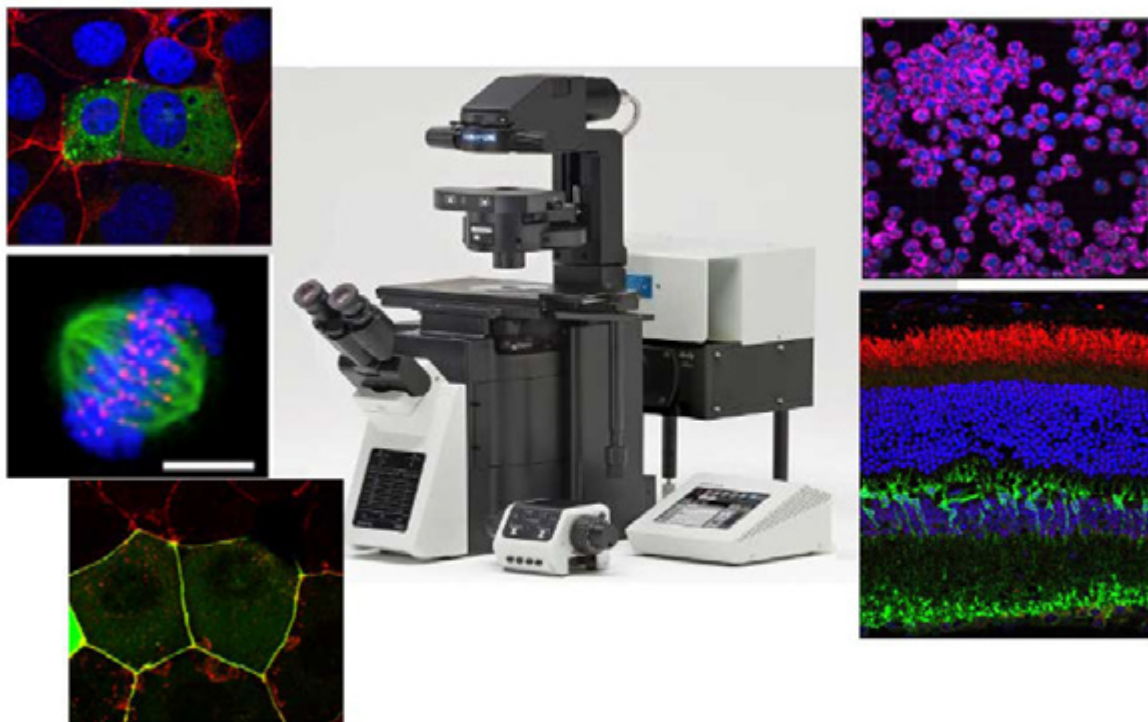
- Most precise and sensitive digital PCR solution for a wide variety of applications
- Flexible digital PCR chemistry — optimized for TaqMan Hydrolysis Probe and EvaGreen Assays
- Flexible assay setup — scalable for high sensitivity or high throughput
- Simple and easy-to-use workflow with 96-sample throughput
- Droplet partitioning by the QX200 Droplet Digital technology reduces bias from amplification efficiency and PCR inhibitors
- Convenient assay design — standard curves are not required

The QX200 Droplet Generator is used to partition ddPCR reaction mix into thousands of nanoliter-sized droplets. After PCR on a thermal cycler, droplets from each sample are analyzed individually on the QX200 Droplet Reader. Droplets are read well by well as they are streamed single file past a two-color optical detection system in a serial manner. Up to 96 samples can be processed per run. The PCR-positive and PCR-negative droplets are counted to provide absolute quantification of target DNA in digital form. Alternatively, amplified products can be extracted from droplets following PCR for downstream applications, such as sequencing or cloning.

The QX200 AutoDG Droplet Digital PCR System simplifies the Droplet Digital PCR (ddPCR™) workflow, reducing hands-on time and eliminating user-to-user variability.

- Eliminates user-to-user variability — creates more consistent droplet counts across users and plates, enabling you to fully exploit the precision of your ddPCR System
- Minimizes hands-on time — takes less than 5 minutes to load the instrument, and droplet generation requires no supervision

## FV1200 Olympus Confocal Microscope



The Olympus FV1200 Laser Scanning Confocal Microscope is equipped with 4 lasers (namely 405 nm, 473 nm, 543 nm and 635 nm) and 5 objective lens [namely 10X, 20X, 40X, 60X (oil) and 100X (oil)]. The FV1200 Confocal Microscope offers excellent precision, enhancing sensitivity and stability with an advanced optical system, scanners and detection system, and provides users with new opportunities in live cell imaging. The Fluoview software is user-friendly and offers quick access to functions and for image acquisition.



## Education Retreat {12 January 2018}

On 12th Jan 2018, the department held its Education retreat with the objective of coming together to discuss matters concerning education. The main aims of the retreat were to:

1. Find concrete ways to support teaching and learning activities among our colleagues to help us meet students' learning needs.
2. Foster discussion about teaching matters among colleagues to try and build a culture of sharing good practices and experiences as a way to support one another.
3. Discuss issues related to graduate student supervision so as to improve student experiences during their post-graduate studies.
4. Hear from the Associate Provost (Undergraduate Education), A/Prof Chng Huang Hoon, ideas about teaching in a research-intensive university. Her talk was followed by a question-and-answer session.

During the retreat, we heard ideas from colleagues on topics ranging from classroom teaching techniques to assessments to tips on student supervision. We also identified a few tasks we could work on to help support colleagues in their teaching and learning activities. For instance, we have collated a list of classroom response systems (CRSs) that are commonly used and their users so as to help colleagues interested in using them in their classes ([list of CRS](#)). We are looking to organising other activities such as workshops as discussed in the retreat.

The committee would like to thank all colleagues for their contributions to ideas and discussions.

### **Organising committee:**

A/P Thilo Hagen

Dr Long Yun Chau

Dr Yvonne Tay Mei Sian

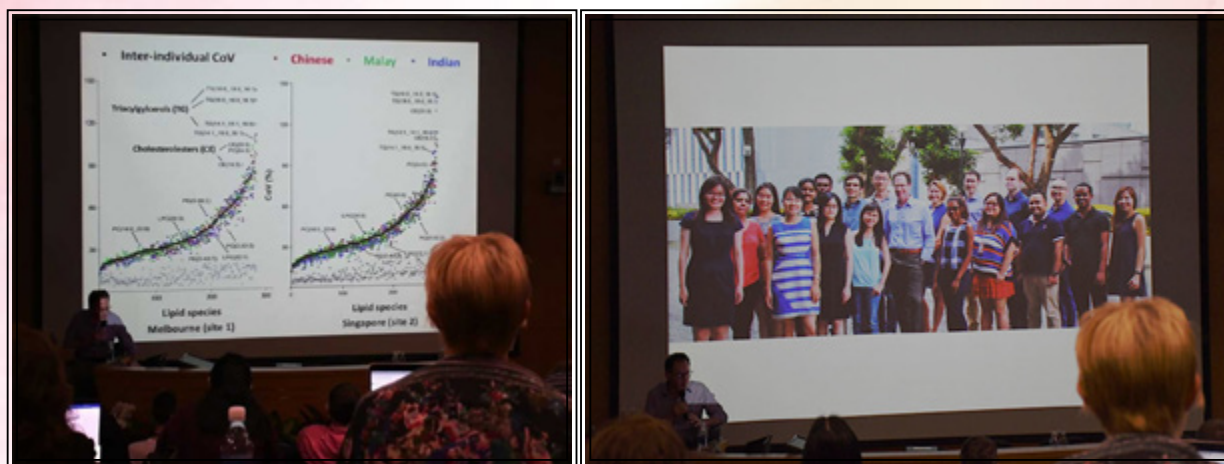
A/P Yeong Foong May (Contributor)

## iSLS7 (7 - 9 March 2018)

iSLS has become a regular event in the field of lipid research. iSLS has been founded on the premise to provide a forum for exchange of knowledge and information among investigators from different disciplines of research but with a common interest in lipids. This has been a very stimulating format indeed.



This year, at [iSLS7](#), we have had increased focus on expertise required for translation of information obtained by the usage of analytical approaches that yield molecular information of lipids. We have also modernised our event for further engagement 'on-site' as well as for 'off-site' participation of colleagues who could not make the trip to Singapore. This was done via web-links and interactive Q&A platforms. Furthermore, several open discussions were held throughout the symposium on topics of wide general interest in the field of lipid research and the advancement of lipidomic technologies, again assisted by an interactive Q&A platform.



The Journal of Steroid Biochemistry and Molecular Biology will be publishing a Special Issue, [“The international Singapore Lipid Symposium \(iSLS\) - a forum towards translation of lipidomic technologies”](#) with Professors Peter J Meikle, Markus R Wenk and Jerzy.



## Biochemistry Welcome Party 2018 {13 March 2018}

To inaugurate its series of events for this year, the Biochemistry Graduate Student Association (BiGSA) aimed at surpassing their past welcome party event. Intended to bring together the graduate students who started Aug 2017 and Jan 2018, the objective of the organisers was to offer first year graduate students a platform for forming new connections and settle in the university environment. On top of that, they also had the chance to mingle and interact with senior PhD students in hope of gaining insight into overcoming challenges as a graduate.



The event commenced with a warm and inspiring welcome speech from A/P Thilo Hagen. Soon after, students engaged in various icebreaking activities prepared by the coordinators. Whether it was 'Two Truths One Lie' or a dynamic team-building game of 'Charades' which eased up the atmosphere, participants managed to have fun, relax and even win a prize of a total of \$50 Jewel vouchers, that the winning team kindly shared equally among every contestants. The evening culminated with the closing speech of Ms. Liew Wen Chiy, the President of BiGSA, followed by the long-anticipated sponsored dinner.





Altogether, the planning and hard-work proved worthwhile since everybody benefited from an enjoyable night. Following this outstanding success, the committee hopes to keep up their events line-up as exciting and valuable for the upcoming as well as current biochemistry students.

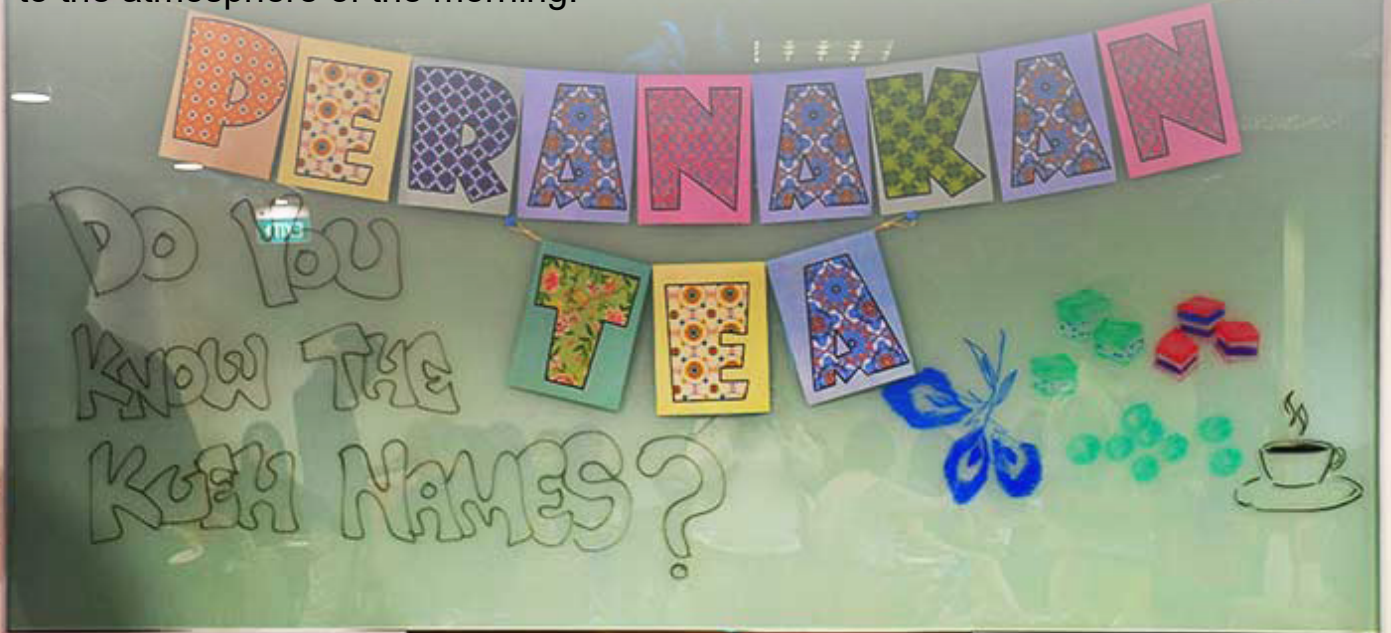


Contributed by BiGSA



## Staff Welfare: Visit to Peranakan Museum & Lunch at Straits Kitchen, Grand Hyatt Singapore {28 February 2018}

The Peranakan Experience was another warmly received event. The day started with an assortment of Nyonya kueh for breakfast, with everyone in the department mingling while enjoying the kueh. Yee Liu kindly sourced for songs that really added to the atmosphere of the morning.



We were then whisked off to StraitsKitchen at Grand Hyatt, where even more food awaited! The food highlighted not only the local Chinese, Indian, and Malay races, but Peranakan cuisine as well. The journey through the StraitsKitchen buffet was almost like a Singaporean gastronomic tour.



Before the day ended, we had our final stop at the Peranakan Museum. Guided through the collection of Peranakan treasures that the museum housed left us amazed at the life of a Peranakan. The quiz put together by the Staff Welfare Committee had many people enthusiastically scrutinizing the exhibits for clues that would otherwise have been overlooked.

**All in all, it was certainly an **in-kueh-dible** (incredible) event!**



Remember to tag us at #bchnus #staffwelfare in future events~

Contributed by Mr Arthur Sim, Staff Welfare Committee



## BiGSA Networking Series: What's Next After PhD {4 April 2018}

Besides publishing in high-impact journal and passing oral defence, the other major concerns for most PhD students are, 'What should I do after PhD?', 'Should I stay in academia or move into industry?', 'What other job roles should I consider?' etc.

To address these questions, Biochemistry Graduate Student Association (BiGSA) organized the first networking event called 'BiGSA Networking Series: What's Next After PhD'. The aims of this event were to expose graduate students to different career paths after PhD and provide an opportunity for students to practise their networking skills with PhD graduates working in diverse fields.

We were very grateful to our esteemed speakers - Dr Matias Caldez (Research Fellow at Institute of Molecular and Cell Biology, A\*STAR), Dr Sandhya Sriram (CEO at SciGlo), Dr Jaron Liu (Lead Applications Scientist at GE Healthcare), Dr Lim Keng Gat (Senior Medical Science Liaison at Johnson & Johnson) and Dr Hua Fei (Consultant at IQVIA) - for sharing their stories about their post-PhD journeys. They also shared tips on job searching and provided invaluable career advices on how to succeed in their respective careers. During the dinner-cum-networking session, students got the chance to interact with the speakers directly to gain more insights on the fields that they are interested in.

**BIGSA Networking Series:  
What's next after PhD**

Date : 4<sup>th</sup> April 2018 (Wednesday)  
Time : 5pm-8pm  
Venue: MD7, M9 Seminar Room

Are you interested in exploring different career pathways after PhD?

This event is an opportunity to hear from speakers from different sector (academia, industry and start-up) about how they reached their current positions. You can also interact with the speakers 1-to-1 during the dinner provided.

SANDHYA SRIRAM  
CEO, SciGlo

MATIAS CALDEZ  
Research Fellow, A\*STAR

HUA FEI  
Consultant, IMS Consulting Group

JARON Z. LIU  
Lead Application Scientist, GE Healthcare

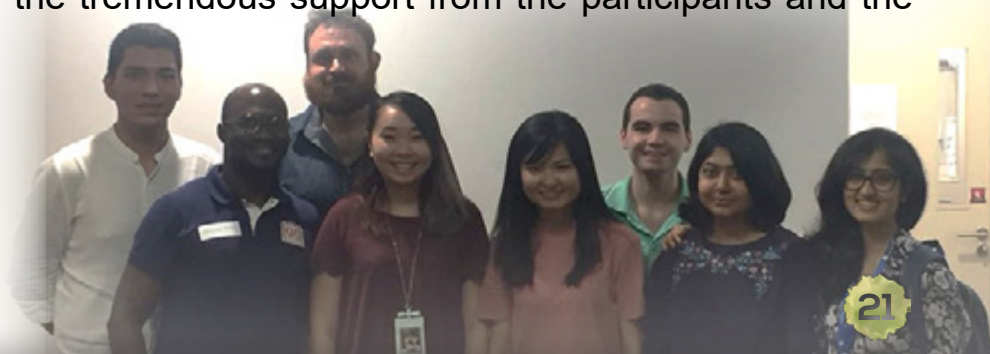
KENG GAT LIM  
Senior Medical Science Liaison, Johnson & Johnson

Sign up via this link: <https://goo.gl/forms/oadKnh95W9lanzSr1>

Overall, the event showcased a diverse range of career options that are available for graduates with advanced degrees in biomedical sciences. The speakers emphasized the importance of networking as one of the keys for job hunting and career development. It is also essential to have a clear evaluation of your motivation, strengths and weaknesses in order to find a suitable job.

Our event was hugely popular, which led to it being oversubscribed. It was very encouraging for the organizing team to receive a lot of positive feedback from the participants on how well-organized the event was and how much they learnt from the speakers. We appreciate the tremendous support from the participants and the speakers.

**Contributed by BiGSA**







Attendees of the event



Welcome address by A/P Maxey Chung



Dr Matias Caldez



Dr Sandhya Sriram



Dr Hua Fei



Dr Jaron Lin



Closing speech by Miss Liew Wen Chiy



Dr Keng Gat Lim



## Safety Tea {25 April 2018}

The first Department of Biochemistry Safety Tea in 2018 was held on 25th April 2018 and was well attended by more than 140 participants.



Professor Markus Wenk, the Head of Department, gave the opening speech and encouraged everyone to uphold the high standards of safety & health in the department. Dr Kenneth Ban presented on the department's Safety & Health Objectives for 2018 and also briefed everyone on the Laboratory Materials Management System (LMMS) which will be rolled out in NUSMed very soon.



Dr Ban also shared information on compliance to the Biological Agents and Toxins Act (BATA) as well as accidents and incidents that occurred in the department in the past 6 months. Dr Ban created a live platform for participants to share feedback and ideas during the Safety Tea and this was well-received. The Safety Tea ended with a sumptuous spread of cooked food, snacks, desserts, and of course, coffee and tea.

**Contributed by Dr Yap Lai Lai, Department Safety Committee**

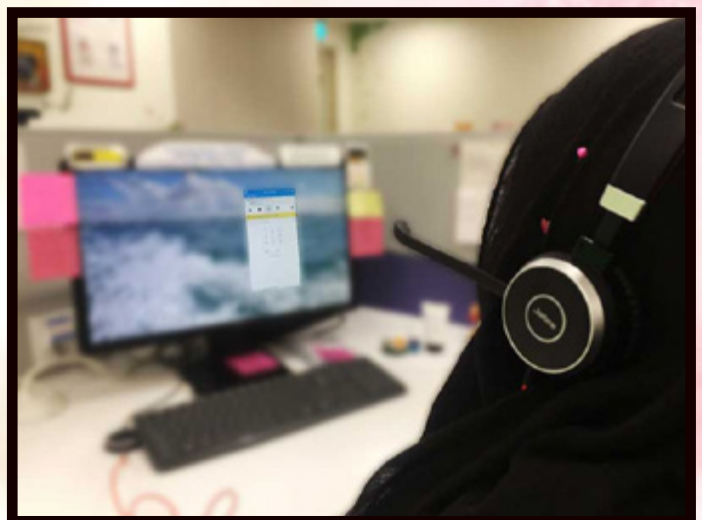




## Skype Migration in Biochemistry {12 June 2018}



After much anticipation, finally!, the department has successfully migrated to Skype for Business (SFB) on 12 June 2018. Users who used the previous IPTel phones have exchanged for the more sleek Polycom phones. SFB representatives were seen around Biochemistry's facilities to exchange and boot up the new equipment. Brand new Jabra headsets were issued to staff who opted for no phones.



SFB allows you to share ideas instantly via instant messaging, meet on-the-go at anytime and anywhere, allow content sharing and many other features. Visit the SFB [web portal](#) to learn more about Skype for Business.

We also would like to thank the floor leaders for their assistance during this migration.



## Extracted from NUS Elements, journal articles reporting date from 1 September 2017 – June 2018

Teo, E., Batchu, K. C., Barardo, D., Xiao, L., **Cazenave-Gassiot, A.**, Tolwinski, N., . . . Gruber, J. (2018). A novel vibration-induced exercise paradigm improves fitness and lipid metabolism of *Caenorhabditis elegans*. *Sci Rep*, 8(1), 9420. doi:[10.1038/s41598-018-27330-3](https://doi.org/10.1038/s41598-018-27330-3)

Miranda, D. A., Krause, W. C., **Cazenave-Gassiot, A.**, Suzawa, M., Escusa, H., Foo, J. C., . . . Ingraham, H. A. (2018). LRH-1 regulates hepatic lipid homeostasis and maintains arachidonoyl phospholipid pools critical for phospholipid diversity. *JCI Insight*, 3(5). doi:[10.1172/jci.insight.96151](https://doi.org/10.1172/jci.insight.96151)

Woodfield, H. K., **Cazenave-Gassiot, A.**, Haslam, R. P., Guschina, I. A., **Wenk, M. R.**, & Harwood, J. L. (2018). Using lipidomics to reveal details of lipid accumulation in developing seeds from oilseed rape (*Brassica napus* L.). *BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR AND CELL BIOLOGY OF LIPIDS*, 1863(3), 339-348. doi:[10.1016/j.bbailip.2017.12.010](https://doi.org/10.1016/j.bbailip.2017.12.010)

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Musa Alamudi Bachtiar  
18 January 2018

Maulana Bachtiar's new born  
baby boy  
- Research Fellow -



Avery Chew  
22 April 2018

Wang Yuwei, Cheryl's new born  
baby girl  
- Lab Executive -



# Farewell

**Lo Tat Ming, Samuel**  
Last Day: 15 September 2017

**Arun Chandramohan**  
Last Day: 1 November 2017

**Johann Shane Tian**  
Last Day: 31 December 2017

**Maciej Bartosz Holowko**  
Last Day: 5 January 2018

**Kuek Huifang**  
Last Day: 16 January 2018

**Lee Ming Chong, Ivor Russel**  
Last Day: 26 January 2018

**Neo Sin Hui**  
Last Day: 26 January 2018

**Ren Bingbing**  
Last Day: 1 February 2018

**Pranjul Mishra**  
Last Day: 2 February 2018

**Jean, Ang Shy Min**  
Last Day: 12 February 2018

**Ooi Pei Kun**  
Last Day: 15 February 2018

**Narain Luxmi Devi**  
Last Day: 28 February 2018

**Liu Shuaichen**  
Last Day: 15 April 2018

**Chen Binbin**  
Last Day: 18 May 2018

**Yu Sue**  
Last Day: 31 May 2018

**Wu Hui**  
Last Day: 1 June 2018

**Ryan John Clarke**  
Last Day: 15 June 2018

**Yang Xiaoqing**  
Last Day: 30 June 2018

If we missed any news that you would like to share,  
please contact:  
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