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**Events**

- CSR - Mangrove                              | 18   |
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- 90th Anniversary                            | 20   |
- Terrarium Workshop                          | 21   |
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HOD’s Message

Dear Colleagues,

2017 has been a year big on awards, discoveries, and, even more so, on memorable events for the Department.

I would like to thank you for all these contributions that have further raised the profile of the Department. They are too numerous to be mentioned in a short end of the year message. Instead, as per tradition, you will find many of them detailed in the December issue of the Biochemistry buzz.

International conferences are an effective way to build communities and attract attention. Two research events were organized and supported by colleagues in the Department this year. The seventh international meeting on Synthetic Biology (SB7.0) and the Asia Oceania Mass Spectrometry Conference (AOMSC 2017) had large numbers of delegates and broad regional and global representation.

Probably the most notable event of the year was the 90th Anniversary of the Department. We had an exciting day of activities and interactions as a community, where we learned about surprising hidden talents. The highlight of the day was the Gala dinner organized and hosted by Department staff. Thank you once again for all these efforts and contributions. In preparation for the anniversary we reached out to past members during an informal dinner earlier in the year. This dialogue with alumni is important for the department and shall be continued and intensified.

Initiatives in education have been a major focus during the second part of the year. The visit by Spencer Benson was an excellent opportunity to brainstorm ahead of the upcoming Education Retreat in January 2018. We will explore together potential avenues for contemporary and custom-tailored teaching and education in ‘biochemistry’ as a foundation in Medical Sciences.

Biochemistry has taken leadership in the Medical Sciences Cluster and is supporting developments in various ways. The most advanced new initiatives driven by the Department are the non-coding RNA platform and data analytics. I am particularly grateful to Maxey who is closely involved in all aspects.

I wish you and your family all the best for the festive season and the New Year.

Thank you,
Markus
Dr Long Yun Chau
- has been awarded the Faculty of Dentistry – Excellence in Teaching Award AY2016/2017
- has been awarded the Faculty of Science – Teaching Excellence Award AY2016/2017

A/P Thilo Hagen
has been awarded the Faculty of Science – Teaching Excellence Award AY2016/2017

MiRXES Pte Ltd, led by A/P Too HP, Dr Zhou Lihan & Dr Zou Ruiyang
has been awarded the Scientist-Entrepreneur Award at the A*STAR Workplan Seminar 2017 [Link]

A/P Maxey Chung
is appointed the Deputy Chair, Medical Sciences Cluster from 1 June 2017 – 30 June 2018

A/P Gan Yunn Hwen
is reappointed as the Chairperson in the NUS Medicine Research Awards Committee from 1 September 2017 for a period of 2 years

A/P Tang Bor Luen
- is reappointed as a member in the NUS Medicine Research Awards Committee from 1 September 2017 for a period of 2 years
- is appointed as Deputy Director for Research Compliance and Research Integrity in the Office of Deputy President (Research & Technology) from 1 January 2018 to 31 July 2019

Dr Yvonne Tay
has been shortlisted as one of the finalist to compete for the L’Oreal Singapore for Women in Science National Fellowship 2017
It’s in the blood

Biochem researchers unveil a new mystery in our blood cells

Our blood cells are important for gas delivery and immune functions. Surprisingly, some of these blood cells also release a chemical signal called Sphingosine-1-phosphate (S1P) to regulate the circulation network and immune cell trafficking. In a fruitful collaboration with our HoD laboratory Prof Markus Wenk, Dr Nguyen and his team have discovered the way that these cells release out S1P for its signalling roles. This study was published in Nature on 18 October 2017.

In the breakthrough study, they found that the absence of a transport protein namely, Mfsd2b, is related to low levels of S1P in the blood. This resulted in abnormally low numbers of T and B cells, and increased sensitivity to anaphylactic shock, a severe allergic reaction. Their breakthrough findings pave the way for the manipulation of S1P levels in the blood for the treatment of inflammatory and vascular diseases. The team also found that a lack of Mfsd2b is linked to low red blood cell counts and sensitivities to chemotherapy and radiotherapy. This suggests that increasing plasma S1P levels could be beneficial to cancer patients receiving chemotherapy and radiotherapy treatments.

The discovery was made possible thanks to the collaborative research environment in Biochemistry. We hope to see more of this in the future.

Media source: https://www.eurekalert.org/pub_releases/2017-10/nuos-nrd102317.php

Caption
This is an image of Sphingosine-1-phosphate produced in erythrocytes and platelets is transported out of the cells into the blood by the Mfsd2b protein.

Credit
Dr Long N. Nguyen
Grant Awards

June 2017 - December 2017

Wilmar Award

$6,000,000

Industry Alignment Fund – Industry Collaboration Projects (IAF-ICP)
WIL@NUS Joint Laboratory
A/P Matthew Chang & A/P Yew Wen Shan

MOE Tier 2

$756,612

Role of MLL5 Regulating Photoreceptor Gene Expression and Retinal Function
A/P Deng Lih Wen

SMART Innovation Project

$245,000

A Novel Transfection Method For Scalable and Cost Effective Viral Production
A/P Too Heng-Phon

CoSTAR-HS ARG

$50,000

Profiling colonization and virulence potential of CaPES isolates
A/P Gan Yunn Hwen

Synthetic Biology Research & Development Project (SBP)

$2,660,000

Analytical support to enhance the Synthetic Biology Research & Development Programme
Professor Markus Wenk
Synthetic Biology Research & Development Project (SBP)

- Development of a Microbial Platform for the Production of Odd-Chain Fatty Acids
  - A/P Matthew Chang
  - $2,496,566.67

- Synthetic Cannabinoid Biology: Repurposing Nature for Tomorrow’s Therapeutics
  - A/P Yew Wen Shan
  - $5,960,050

NUSMed Post-Doctoral Fellowship

- Single Cell Genomic Analysis for Identification of Relapse Mechanisms in Leukemia
  - Supporting Researcher: To be identified
  - Dr Kenneth Ban

- Development and Characterization of Preclinical Disease Models for Dilated Cardiomyopathy Caused by Pathological Variants in LMNA gene
  - Supporting Researcher: Tan Chia Yee
  - Dr Jiang Jianming

- Targeting S1P transport for treatment of diseases
  - Supporting Researcher: Vu Minh Thiet
  - Dr Nguyen Nam Long
The Department of Biochemistry won the Outstanding Safety Video prize for the 2016 inaugural NUSMed Safety Day. The video, entitled “Safety Begins With Me”, was submitted by the Lab Safety Video Team to the International Media for Prevention (IMFP) which is the Oscars Awards equivalent for safety. IMFP is an integral part of the XXI World Congress on Safety and Health at Work 2017 and was held at the Marina Bay Sands Expo and Convention Centre, Singapore on 3-6 September 2017. A total of 235 submissions from 38 different countries and the “Safety Begins With Me” video was one of the 38 films and 10 multimedia products that were shortlisted and nominated as a winning entry (a total of 9 winning entries were selected). Two members of the Lab Safety Video Team were given free conference passes to attend the IMFP Award Ceremony and the XXI World Congress on Safety and Health at Work 2017 Conference. Although the video was not selected as a winning video, it was a great experience to watch and learn from the winning videos and other nominated videos.

Contributed by Dr Yap Lai Lai, member of Department’s Safety Committee
Best UROPS Student Award for Academic Year 2016/2017
Ms Bianche Lim Yi Lei

Supervisor: A/P Yew Wen Shan

Best UROPS Student Award offers a cash prize of $200 to the best student in Life Science who does UROPS with Department of Biochemistry.

SSBMB & Biochemistry Honours Book Prize for Academic Year 2016/2017
Ms Wang Xinyi

Supervisor: A/P Deng Lih Wen

Biochemistry Honours Book Prize offers a cash prize of $400 awarded to first class (highest distinction) honours with the highest FYP score.

The Singapore Society for Biochemistry and Molecular Biology (SSBMB) offers a cash prize of $150 to the best student in Life Sciences with concentration in Biomedical Science or Molecular and Cell Biology in the Examination for the degree of Bachelor of Science with Honours.
Student Conferment

NGUYEN THI THUY TRANG, MSc
Main Supervisor: A/P Too Heng-Phon
Conferred Date: 31/08/2017

TAN BING QUAN JUSTIN, MSc
Main Supervisor: A/P Too Heng-Phon
Conferred Date: 31/05/2017

CHAN KAH FAI, PhD
Main Supervisor: A/P Song Zhiwei
Conferred Date: 31/03/2017

CHAN HUI SHAN CHRISTINE, PhD
Main Supervisor: A/P Too Heng-Phon
Conferred Date: 31/07/2017

ENG LOAN PING, PhD
Main Supervisor: A/P Tan Tin Wee
Co-Supervisor: Dr Tong Joo Chuan
Conferred Date: 31/10/2017

HABIBA ZORGATI, PhD
Main Supervisor: A/P Robert Charles Robinson
Conferred Date: 31/10/2017

HOANG-DAI TRAN, PhD
Main Supervisor: Professor Ng Huck Hui,
Co-Supervisors: Dr Wu Qiang; Dr Liu Jianjun
Conferred Date: 30/06/2017

SWEELIN CHEW, PhD
Main Supervisor: Professor Ellen Birgitte Lane
Co-Supervisor: A/P Sohail Ahmed
Conferred Date: 31/10/2017

ZHU WAN LONG, PhD
Main Supervisor: Dr Wang Mei
Co-Supervisor: Professor Patrick J Casey
Conferred Date: 31/08/2017
<table>
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<th>Degree</th>
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<th>Co-Supervisor</th>
</tr>
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<tbody>
<tr>
<td>Chan Geck Ngoh</td>
<td>MSc</td>
<td>Dr Nguyen Nam Long</td>
<td>Professor Markus Wenk</td>
</tr>
<tr>
<td>Gozde Zafer</td>
<td>PhD</td>
<td>A/P Philipp Kaldis</td>
<td>A/P Thilo Hagen</td>
</tr>
<tr>
<td>Loh Hui Mun</td>
<td>PhD</td>
<td>Professor Hong Wanjin</td>
<td></td>
</tr>
<tr>
<td>Tan Yi Han</td>
<td>MSc</td>
<td>A/P Gan Yunn Hwen</td>
<td>Dr Chng Shu Sin</td>
</tr>
<tr>
<td>Kevin Lim Jie Han</td>
<td>PhD</td>
<td>A/P Yew Wen Shan</td>
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<tr>
<td>Maanasa Ravikumar</td>
<td>PhD</td>
<td>Dr Lim Chin Yan</td>
<td>A/P Caroline Lee</td>
</tr>
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Robert Alan Jappy Tucker
Main Supervisor: Professor Barry Halliwell
PhD

Udayappan Udhaya Kumari
Main Supervisor: Dr Wang Mei
Co-Supervisor: A/P Caroline Lee
PhD
New Staff

Chow Jeng Yeong
Senior Research Fellow
RO : A/P Yew Wen Shan
Date joined : 17-08-2017

Peter Imre Benke
Senior Research Fellow
RO : Dr Federico Tesio Torta
Date joined : 15-09-2017

Jeremy John Selva
Research Assistant
RO : Dr Federico Tesio Torta
Date joined : 07-08-2017

Kemas Aurino Muhammad
Research Assistant
RO : A/P Matthew Chang
Date joined : 06-07-2017

Professor Brian Kennedy
Distinguished Professor
RO : Professor Markus Wenk
Date joined : 03-07-2017

Angad Rao
Research Fellow
RO : Dr Lim Yoon Pin
Date joined : 13-11-2017

Wen Ke Yan
Research Fellow
RO : A/P Matthew Chang
Date joined : 19-06-2017

Gajendra Azad Kumar
Research Fellow
RO : Professor Brian Kennedy
Date joined : 06-11-2017

Guan Shou Ping
Research Fellow
RO : Professor Brian Kennedy
Date joined : 01-11-2017

Jeremy John Selva
Research Assistant
RO : Dr Federico Tesio Torta
Date joined : 07-08-2017

Li Yongling Adelicia
Research Assistant
RO : Dr Chen Ee Sin
Date joined : 18-08-2017
New Staff

Wisna Novera
Research Assistant
RO : A/P Deng Lih Wen
Date joined : 06-09-2017

Lee Zheng Wei
Teaching Assistant
RO : A/P Yeong Foong May
Date joined : 04-09-2017

Kuek Huifang
Operations Associate
RO : Ms Long Lee Hua
Date joined : 17-07-2017

Madhuvanti Chandrakanthan
Research Assistant
RO : Dr Nguyen Nam Long
Date joined : 08-05-2017

Nguyen Lan Huong
Research Assistant
RO : A/P Matthew Chang
Date joined : 15-09-2017

Siti Nabilah Binte Hamidon
Research Assistant
RO : Professor Brian Kennedy
Date joined : 13-11-2017

Tong Yi Sheng Juztin James
Research Assistant
RO : A/P Yew Wen Shan
Date joined : 04-08-2017

Siti Badariah
Operations Associate
RO : Ms Long Lee Hua
Date joined : 08-05-2017

Wu Hui
Research Assistant
RO : A/P Deng Lih Wen
Date joined : 27-11-2017

Chan Pui Shi
Laboratory Technologist
RO : Dr Jiang Jianming
Date joined : 29-05-2017

Tong Yi Sheng Juztin James
Research Assistant
RO : A/P Yew Wen Shan
Date joined : 04-08-2017
Travel Fellowship

For the July 2017 Call, 3 students were awarded:

- **Desi**
  - PI: Dr Yvonne Tay
  - Trip: March 2018

- **Yee Zhuangli**
  - PI: Dr Jan Gruber
  - Trip: November 2017

- **Pham Hoang Long**
  - PI: A/P Matthew Chang
  - Trip: October 2017

**BIOCHEMISTRY STUDENT TRAVEL FELLOWSHIP POST-CONFERENCE REPORT**

**Mr Pham Hoang Long**

**Conference:**
Metabolic Engineering Summit 2017
Date: 22-24 Oct 17
Location: Beijing, China

**Website:**
http://me2017.csp.escience.cn/dct/page/1

*Photo 1. Group photo of MES 2017 conference.*

The Metabolic Engineering Summit 2017 (MES2017) is a premier conference bringing together leading experts, scientists, and students from industry, the government, and academia to present and discuss cutting-edge research in the field of metabolic engineering. Approximately 500 participants from leading universities worldwide (US, UK, Korea, and other countries) and 100 posters were present and the conference. The entire conference was hosted at Zhongjia Palace Hot-spring Hotel in Beijing, where the participants attend all the lectures, poster sessions, and meals together from 8.30 am to 9pm. This close format greatly facilitated intellectual exchange and encourage discussions among the audience.
The key highlight of the conference was the stimulating discussions about critical elements of 21st century bio-industry and how future metabolic engineering projects can contribute to this grand vision. More specifically, there is a rising excitement about new developments to efficiently utilize common gases (CO$_2$, O$_2$, H$_2$) as starting materials to produce more complex and valuable products.

From a personal perspective, MES2017 provided me an exciting opportunity to present and discuss my recently published work in Nature Communications with international colleagues and leading experts in the field. This inspired me with several new ideas to pursue for future development of my PhD projects, and also allowed me to discuss potential collaboration with fellow PhD students from other laboratories in the field. Interestingly, I also learned about new job opportunities at China, both in academia and industry, which help benefit me greatly for future plans.
Environmental pH is a fundamental signal continuously directing the metabolism and behavior of living cells. Programming the precise cellular response towards environmental pH is therefore crucial in engineering cells for increasingly sophisticated functions. Herein, we engineered a set of pH-riboswitch parts with diverse dynamic range to enable gene expression control according to differential environmental pH. We next applied the pH-riboswitch to regulate DNA integrase to construct a digital pH-sensing system that enables high-resolution recording of host cell exposure to discrete external pH levels. Finally, the digital pH-sensing system was coupled with error-prone DNA polymerase in a genetic program that autonomously regulates the evolutionary engineering of host cells for improved tolerance to a broad spectrum of organic acids, a valuable phenotype for metabolic engineering and bioremediation applications. To our knowledge, our study presents for the first time a generic platform that integrates a riboswitch-based controller with \textit{in vivo} mutagenesis to mediate the evolutionary engineering of desirable phenotypes in \textit{E. coli}. We envision that the riboswitch design principles and experimental framework presented herein can be broadly applied to develop valuable phenotypes for industrial biotechnology applications.
Thanks to the funding provided, I had the opportunity to travel to Europe for the first time and experienced the beauty of a small-sized meeting. The invited speakers seemed to have known each other personally or have met on many different occasions. I am glad that I have chosen this conference, as I testified the excitement of a small network of people who are likeminded and came together to talk about their specific interests in science. For this conference, it is about proteostasis. I caught a snapshot of the most current research directions from the talks and gained insights into novel problems the researchers are trying to solve. The sharing of knowledge was fascinating, and particular serendipitous findings had inspired to be more observant in my work. The organisers made a great effort to ensure the presentations clustered in each session were relevant and flowed smoothly. I had a remarkable chance to present my work and interact with the experts and fellow students in the proteostasis field. Their advice and suggestions would be valuable inputs to develop my thesis.

**My Poster**

**Booklet/goodie bag/name tag for this conference and the schedule for other EMBO events**
Proteostasis
17 - 21 November 2017 l Ericeira, Portugal

Study on the role of Insulin/IGF signalling pathway in protein aggregation and its links to longevity in Caenorhabditis elegans

Yee Zhuangli¹, Manfred Roman Raida², Jan Gruber¹,³
¹Department of Biochemistry, Yong Loo Lin School of Medicine, National University of Singapore, Singapore
²Singapore Lipidomics Incubator (SLING), Life Sciences Institute, National University of Singapore, Singapore
³Division of Science, Yale-NUS College, Singapore

Proteostatic mechanisms decline with age in C. elegans and protein aggregation may be involved in ageing. While interventions such as reducing transcripts of genes coding for proteins that become insoluble with ageing such as vitellogenins and ribosomal proteins can extend lifespan in C. elegans, it is unclear whether protein aggregation plays a causative role in ageing. We optimised an assay to measure accumulated insoluble proteins in C. elegans. Proteins that are detergent-soluble, -insoluble and the remaining pellets from young and old nematodes were extracted sequentially, pooled and loaded on a SDS-PAGE gel for separation. The gel was stained and imaged. Densitometry of the bands was quantified. Mass spectrometry was used to identify bands of insoluble proteins cut from the gel. As part of the validation of the assay, we identified an artefact – a prominent band at ~40 kDa which increased with age in insoluble proteins as the outer membrane protein F/A precursors from E. coli that have many beta strands. We also investigated several genes related to the IGF pathway as modulators of insoluble protein aggregation, suggesting that genetic and pharmacological interventions targeting classical ageing pathways can possibly control the accumulation of protein aggregates.
The inaugural NUSMed CSR Project called, “Mangrove Clean Up” that was held on 12th of August 2017 which involved over 50 volunteers from NUSMed turned out to be a huge success! The Committee engaged Mr. Siva from International Coastal Cleanup Singapore to share with us on the importance of conservation and why each one of our action counts towards conserving the environment. Our volunteers picked up unwanted trash and record data on the types of trash collected at Lim Chu Kang Mangrove. The data was then submitted to the International Coastal Cleanup Singapore as part of their annual global coastal cleanup data collection in coordination with Ocean Conservancy.
As we actively moved around the area, what shocked us was that while the surface looked relatively clean, there were bags and bits of plastic buried under layers of sand, brought in by the tide which may have been hidden, possibly for a long time. Even the mangrove roots were speckled with bits of plastic, almost ‘rooted’ in the mud as if they were a part of the environment!
The project succeeded in bringing the community together for a good cause and making us realise how far our consumerism goes. Volunteers were amazed at collecting **164.2Kg of trash in under 90mins!** And this was considered a low-trash load day! Planning the event took a lot of teamwork, creativity and dedication to soldier on in the midst of our everyday work responsibilities. First and foremost, Thank You to Vicknesh for facilitating the entire project; Aslam and Rahmah, who had done a great work on the promotional materials; Mafer for the beautiful mascot sketches; Dr Lai Lai for evaluating all the possible risks and safety needs (even crocodile sightings!) of the project; Safia for logistics coordination; the Operations Team from Department of Pharmacology; Pei Kun and Mafer for leading the volunteer teams and Kean for leading this project together with me. It is the first time leading such a project, challenging ourselves (and sometimes each other!) and learning tremendously along the way. We can’t wait for next year, for another great project!

**Contributed by Ms Iman Fahim Hameed, co-Project Lead**
NUS Synthetic Biology for Clinical and Technological Innovation (SynCTI) was proud to co-host The Seventh International Meeting on Synthetic Biology SB 7.0 at the University Cultural Centre on 13 - 16 June this year. The Synthetic Biology (SB) Conference series is the world’s foremost professional meeting in its field. Launched in 2004, the conference brings together a global community of synthetic biology practitioners to share, learn and debate on the latest efforts in the rapidly advancing field. Previous SB conferences were hosted at leading academic institutions such as the Massachusetts Institute of Technology, ETH Zurich, Stanford University and Imperial College London.
SB 7.0 saw over 1000 participants from 40 countries engaging with more than 100 speakers in 12 thematic sessions. Along with numerous associated satellite meetings, the conference allowed Singapore’s synthetic biology community to forge new cross-border friendships, facilitate international collaborations and build synergistic global partnerships. The gathering culminated in a lovely evening at Gardens by the Bay where guests were wowed with local culinary delights and cultural performances.

Contributed by Committee of SB 7.0
Department of Biochemistry turned 90 on August 4, 2017, having been established at the King Edward VII College of Medicine in 1927. From its humble beginnings as a mainly classical biochemistry department with a primary teaching mission, it has crossed sequential milestones to grow into a leader of biomedical sciences research and education.

Celebrations began with a morning symposium attended by NUS President Professor Tan Chorh Chuan and Dean of Yong Loo Lin School of Medicine, Associate Professor Yeoh Khay Guan. National Research Foundation returning scientist and current visiting professor, Professor Chua Nam Hai, was the keynote speaker, along with Dr Hazel Khoo from SERC and Dr Zhou Lihan, Co-founder and CTO of MiRXES. All three are Biochemistry alumni, representing three different eras, each having excelled in their respective domains. All three talks were inspiring, on the importance of long non-coding RNA in plant physiology with great importance in agriculture and food security, on the future and direction of the landscape of biomedical research in Singapore, and the trials and successes of how basic science research translates into commercial success in the story of MiRXES Pte Ltd. This is a company founded in 2014 by Associate Professor Too Heng-Phon and three PhD students from the Department, and supported by NUS and Exploit Technologies.

The day also featured an afternoon carnival featuring various competitions and game, as well as a career workshop for graduate students and research personnel facilitated by CEO of Science Center Prof Lim Tit Meng, Dr Zhou Lihan, Ms Grannas Sanna Pauliina and Dr Yeo Wee Loon from the Centre for Future-ready graduates. The August 4 celebrations were capped by a dinner held at NUS Guild House for 200 staff, students and former members of the department.
Morning Symposium

Carnival
Contributed by A/P Gan Yunn Hwen, Chairperson of 90th Anniversary Organising Commitee

Link Source

Check out the video!!
Prior to the workshop, the Staff Welfare Team had fun sourcing for the plants and cute figurines to be used at the workshop. It was one time that we could surf Qoo10 for work! Unfortunately, no sellers had dinosaur figurines for sale. Otherwise, we could have made our own jar-assic parks!

40 of Biochemistry staff signed up for the workshop. We were all excited and eager for the trainer to complete his briefing so we could start to design our very own eye-catchy terrariums. I noticed how enthusiastic were A/P Chua KL and Norindah digging into the soil and separating the little *Fittonia* plantlets. They were clearly experienced and not at all afraid to get their hands into the dirt. While the plants and decorations were provided, some staff even brought their own figurines! I saw a Pikachu and some Lego people in the terrariums; they were very adorable! All of us left with big smiles and a beautiful terrarium that we could bring back home to nurture and care for, for a really long time.😊
The Team would like to express our gratitude to the OFM Horticulture Team and all the participants who made this workshop possible! The outcome of it was fun and enjoyable.

So, do remember to tag us at #bchstaffwelfare in future events when posting related welfare event photos up on Facebook/Instagram!

Contributed by Mr Arthur Sim, Chairperson of Staff Welfare Committee AY2017/18
In addition, he also introduced Workplace Ergonomics and urged all to pay attention to Workstation Ergonomics as well as Laboratory Ergonomics. Last but not least, recent accidents and incidents that occurred in the department were shared so that everyone could learn from these accidents/incidents.
Contributed by Dr Yap Lai Lai, Member of Department’s Safety Committee
Retirement Lunch Reception For Aunty Lily 29 November 2017

Department sincerely thanked For Your 34 Years of Outstanding Dedication and Service 1983-2017


Liang, D., Bian, J., Deng, L. -W., & Huang, D. (2017). Cyclic polysulphide 1,2,4-trithiolane from stinky bean (Parkia speciosa seeds) is a slow releasing hydrogen sulphide (H2S) donor. *JOURNAL OF FUNCTIONAL FOODS*, 35, 197-204. doi:10.1016/j.jff.2017.05.040


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Tang, B. L. (2017). The Potential of Targeting Brain Pathology with Ascl1/Mash1.. *Cells, 6*(3). doi:10.3390/cells6030026


Farewell

We wish you boundless success wherever you go!

Aow Shao Bing, Johanan
Last day: 30 November 2017

Cho Han-Saem
Last day: 31 August 2017

Goh Kah Yee
Last day: 30 June 2017

Kumar Jaspal Kaur
Last day: 31 July 2017

Loh Jun Yan
Last day: 15 August 2017

Ng Mei Ying
Last day: 8 August 2017

Otto Fong Yong Chin
Last day: 30 July 2017

Lily, Ang Bee Keng
Last Day: 30 November 2017

Tan Hwee Tong
Last day: 31 July 2017

Tay Song Buck, Terence
Last day: 31 August 2017

Wang Zilong
Last day: 14 October 2017

Wong Wai Yen
Last Day: 30 June 2017

Wu Shuke
Last day: 30 June 2017

Zhou Yi
Last day: 30 June 2017

Lee Jia Xing
Last Day: 31 May 2017

Kin Xiao Xuan
Last Day: 7 December 2017

If we missed any news that you would like to share, please contact:
The Editorial Team, Biochemistry: bchsec@nus.edu.

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