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One PHYSIOLOGY

A Mind for Science, A Heart for People

Issue: October - December 2018

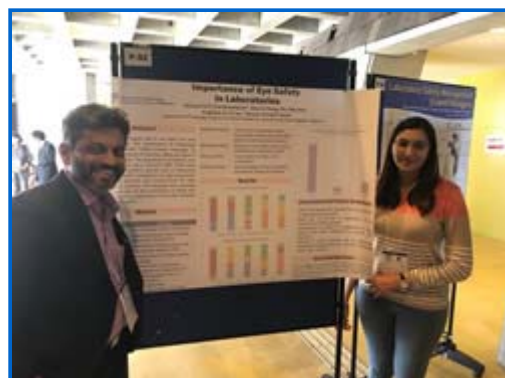


Fire Safety Excellence Award 2018 - Platinum Award



Once again, Department of Physiology was awarded Platinum Award in the Fire Safety Excellence Award 2018.

Best Poster Award at 5th Asian Conference on Safety and Education in Laboratory



Vaisnavi D/O Chandrasekaran and team members (Cheng Man Si, Koh Shu Wen & Lee Xinyi Angeline) from Department Safety & Health Committee won the Best Poster Award at the 5th Asian Conference on Safety and Education in Laboratory held in Okinawa Institute of Science and Technology, Japan for their poster entitled "Importance of Eye Safety in Laboratories".

Best Poster Award at EMBO Workshop 2018



Qu Yinghua (Dr John Chua's lab) won Best Poster Award at EMBO Workshop 2018 “Molecular Mechanisms of Developmental and Regenerative Biology”.

Best Poster Presentation Award at Microbiology and Immunology Graduate Student Society Annual Symposium



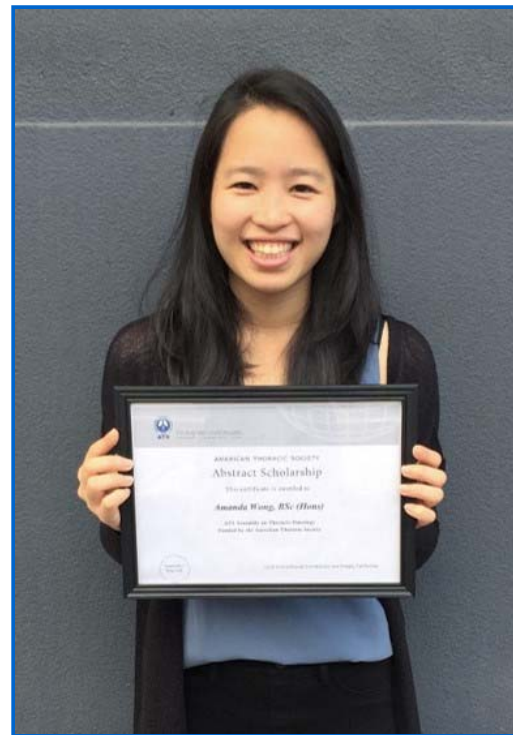
Saravanan S/O Gunaseelan (Dr John Chua's lab) won Best Poster Presentation Award at Microbiology and Immunology Graduate Student Society Annual Symposium.

ASPR Asthma Assembly Award at Asia Pacific Society of Respiriography



Cheong Hui Juan Dorothy (Dr Thai Tran's lab) was awarded the Best Abstract Award for the Asthma Assembly category at Asia Pacific

Best Abstract Award at American Thoracic Society



Wong Huee Ping Amanda (Dr Thai Tran's lab) was awarded Best Abstract Award at American Thoracic Society.

Society of Respirology.

GLPv2 Winners



July - August 2018:
Dr Chen Zhixiong and A/Prof Reshma Taneja

September - October 2018:
Dr Tsai Shih-Yin and Prof Henry Yu

November - December 2018:
Dr Thai Tran and A/Prof Reshma Taneja



"Just as the science and art of agriculture depend upon chemistry and botany, so the art of education depends upon physiology and psychology."
- by Edward Thorndike

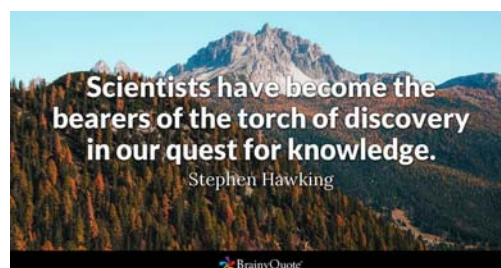
Media Coverages

Prof Ibanez is on the news!



Professor Carlos Ibanez says the use of the molecule to activate the "death receptor" of melanoma skin cancer cells presents an option for a new treatment method for the remaining 45 per cent of melanoma skin cancer patients for whom current treatment fails.

[Read the news on The Straits Times](#)



"Scientists have become the bearers of the torch of discovery in our quest for knowledge."
- by Stephen Hawking

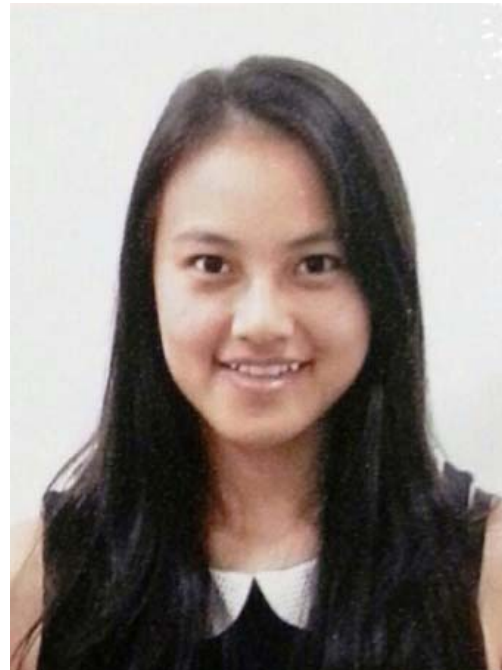
Promotion

Kamsitah Bte Boreng - From MA4 to MA3



Congratulations to Kamsitah who is promoted to MA3! She has been pivotal to the department in terms of education. In addition, she has played an important role in organising the department's symposium and served as fire warden in MD9.

Angeline Lee Xin Yi - From LT4 to LT3



Congratulations to Angeline Lee who has been promoted from LT4 to LT3! Beside leading Social Committee, she is a major contributor in AVA Committee and Department Safety and Health Committee.

News & Events

Physiology Day 2018

Physiology Support Staff Day 2018



On 18 December 2018, Social Committee organized Physiology Day 2018 and invited children from Children Cancer Foundation to have an afternoon of fun and laughter with us.



The inaugural Physiology Support Staff Day was held on 19 December 2018 to thank and appreciate support staffs in the department.

New Addition

Jason Lee Kai Wei



Let's welcome Dr Jason Lee Kai Wei, who joins us as Research Associate Professor.

Nurul Suhana Binte Ali Ahamed



Let's welcome Nurul Suhana Binte Ali Ahamed, who joins us as Laboratory Technologist. Suhana is managing A/Prof Celestial Yap's lab and Dr Chen Zhixiong's lab.

Recent Publications

[Metabolic Remodeling during Liver Regeneration.](#)

Caldez MJ, Van Hul N, Koh HWL, Teo XQ, Fan JJ, Tan PY, Dewhurst MR, Too PG, Talib SZA, Chiang BE, Stünkel W, Yu H, Lee P, Fuhrer T, Choi H, Björklund M, Kaldis P.

Developmental Cell. 2018 Nov 19;47(4):425-438.e5. doi: 10.1016/j.devcel.2018.09.020. Epub 2018 Oct 18.

[Abstract](#)

[Generation of mature kupffer cells from human induced pluripotent stem cells.](#)

Tasnim F, Xing J, Huang X, Mo S, Wei X, Tan MH, Yu H

Biomaterials. 2018 Nov 16;192:377-391. doi: 10.1016/j.biomaterials.2018.11.016. [Epub ahead of print]

[Abstract](#)

[Deep learning enables automated scoring of liver fibrosis stages.](#)

Yu Y, Wang J, Ng CW, Ma Y, Mo S, Fong ELS, Xing J, Song Z, Xie Y, Si K, Wee A, Welsch RE, So PTC & Yu H. Scientific Report. 2018; 8: 16016.

[Full Text](#)

[Type 2 KDM4B-regulated unfolded protein response as a therapeutic vulnerability in PTEN-deficient breast cancer.](#)

Wang W, Oguz G, Lee PL, Bao Y, Wang P, Terp MG, Ditzel HJ, Yu Q. The Journal of Experimental Medicine. 2018 Nov 5;215(11):2833-2849. doi: 10.1084/jem.20180439.

Epub 2018 Sep 28..

[Abstract](#)

Upcoming Events

1. APMEC 2019 Asia Pacific Medical Education Conference, 9-13 January 2019
2. 2nd Singapore Autophagy Symposium, 15 January 2019
3. SynGO Symposium and Workshop 2019, 21-22 February 2019
4. Flow-Volume Underworld 2019 Meeting, 25-26 March 2019
5. MSC Neuroscience Symposium, 29 March 2019
6. The 9th FAOPS2019 congress in Kobe, Japan, 21-23 March 2019
7. 11th Physiology Symposium: Models of Physiology and Diseases 2019, 24-26 September 2019

Visit us on the web at [Physiology](#)

Contents: A/Prof Lim Kah Leong, IT Committee
Design: IT Committee