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One PHYSIOLOGY

A Mind for Science, A Heart for People

Issue: January - March 2019



GLPv2 Winners

Swee Liew Wadsworth Research Publications Award



January - February 2019:
Dr Chen Zhixiong and A/Prof Thiruma Valavan Arumugam

Congratulations to the SLW publication award winners! Please click [Here](#) for the list of winners.

**Yong Loo Lin School of Medicine
Best Graduate Research
Publication Award Winners-2019**

**Mitsui Sumitomo Insurance
Welfare Foundation (MSIWF)
Research Grant Award 2018**



Congratulations to Wang Liming and Professor Shen Han Ming for winning Yong Loo Lin School of Medicine Best Graduate Research Publication Award 2019.



Congratulations to Elisa Marie Crombie (Dr Tsai Shih-Yin's lab) for winning Mitsui Sumitomo Insurance Welfare Foundation (MSIWF) Research Grant Award 2018.

Media Coverages

A/Prof Lee is on the news!



Associate Research Professor Jason Lee was featured on Channel News Asia on 13 January 2019 in article "Why Singapore is heating up twice as fast as the rest of the world".

[Read the news on Channel Newsasia](#)

Dr Ling is on the news!



Assistant Professor Ling Shuo-Chien was featured in Healthcare Asia Magazine on 13 February 2019 in article "Singapore scientists further unravel ALS mystery in groundbreaking new work".

[Read the news on Health Care Asia Magazine](#)

Promotion

Saji Kumar Sreedharan - From Assistant Professor to Associate Professor with tenure



Congratulations to Associate Professor Saji Kumar Sreedharan on his successful P&T application.

In examining disease, we gain wisdom about anatomy and physiology and biology. In examining the person with disease, we gain wisdom about life.

Oliver Sacks

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- By Oliver Sacks

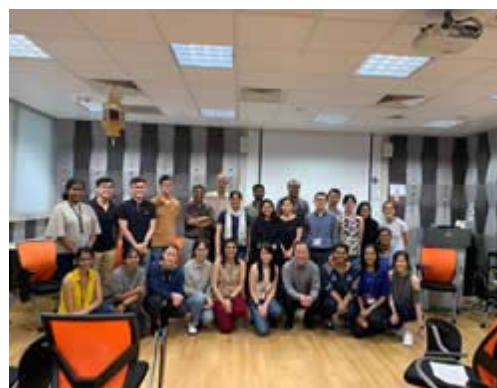
News & Events

Support Staff Training & Team Building Day

Alumni Meeting



On 18 January 2019, support staff in the department attended a training and team building session at Furama City Centre.



An 'alumni meet' was organized by the PGSS committee intended to foster stronger networking among our alumni members and current graduate students.

Chinese New Year Celebration



Physiology celebrated Chinese New Year with Lo Hei and Lion Dance.

2nd Singapore Autophagy Symposium



Congratulations to Prof Shen Han-Ming and Dr Mallilankaraman Karthik Babu and the organizing committee for putting together a successful symposium on autophagy, key cellular degradative process with important biological functions! Special thanks to Ong Yeong Bing and Tan Shu Yi for helping out!

SynGO Symposium and Workshop 2019

SynGO featured in Stanley Center Newsletter



Congratulations to Dr John Chua and the organizing committee for putting together a successful symposium on cancer science! Special thanks to Lee Xinyi Angeline, Chong Pey Rou, Koh Kang Sheing Phoebe and Vaisnavi D/O Chandrasekaran for helping out!



Tyler and Steve enjoy some sunshine outside of the Masjid Sultan (Sultan Mosque) in the Kampong Glam neighborhood in Singapore, and the SynGO team takes a break with a Thai food feast for lunch.

Steve Hyman and Tyler Brown featured SynGO Symposium and Workshop 2019 in Stanley Center Newsletter and thanked Dr John Chua and project coordinator Angeline Lee for organizing an amazing trip.

Flow-Volume Underworld 2019 Meeting



Congratulations to Dr Thai Tran and the organizing committee for putting together a successful symposium on lung function, lung injury, aging lung, and new treatments for lung diseases! Special thanks to Chong Oi Khuan for helping out!

NUS Medical Science Cluster (MSC) Neuroscience Symposium



Congratulations to Prof Soong Tuck Wah and the organizing committee for putting together a successful symposium on cancer science! Special thanks to Yong Tan Fong, Chong Pey Rou, Koh Kang Sheing Phoebe, Lee Xinyi Angeline, and Vaisnavi D/O Chandrasekaran for helping out!

Recent Publications

[Understanding Factors that Motivate Research Performance and Career Longevity of STEM Postgraduates.](#)

Chen ZX, Tan M, Herberg J, Samarasekera DD, Yap C.

The Asia-Pacific Scholar Medical and Health Professional Education (TAPS). 2019; in press

[Abstract](#)

[Overriding FUS autoregulation in mice triggers gain-of-toxic dysfunctions in RNA metabolism and autophagy-lysosome axis.](#)

Ling SC, Dastidar SG, Tokunaga S, Ho WY, Lim K, Illieva H, Parone PA, Tyan S-H, Tse TM, Chang J-C, Platoshyn O, Bui NB, Bui A, Vetto A, Sun S, McAlonis-Downes M, Han JS, Swing D, Kapeli K, Yeo GW, Tessarollo L, Marsala M, Shaw CE, Tucker-Kellogg G, La Spada AR, Lagier-Tourenne C, Da Cruz S, Cleveland DW.

eLife. 2019 Feb 12. 8: e40811. doi: 10.7554/eLife.40811.

[Full text](#)

[Targeting autophagy using natural compounds for cancer prevention and therapy.](#)

Deng S, Shammugam MK, Kumar AP, Yap CT, Sethi G, Bishayee A. Cancer. 2019 Feb 12. doi: 10.1002/cncr.31978. [Epub ahead of print]

[Abstract](#)

[Epigenetic regulation of the PTEN-AKT-RAC1 axis by G9a is critical for tumor growth in alveolar rhabdomyosarcoma.](#)

Bhat AV, Palanichamy Kala M, Rao VK, Pignata L, Lim HJ, Suriyamurthy S, Chang KTE, Lee VK, Guccione E, Taneja R.

Cancer Research. 2019 in press. doi: 10.1158/0008-5472.CAN-18-2676.

[Abstract](#)

[Bhlhe40 mediates tissue specific control of macrophage proliferation in homeostasis and type 2 immunity.](#)

Jarjour NN, Schwarzkopf EA, Bradstreet TR, Shchukina I, Lin CC, Huang SC, Lai CW, Cook ME, Taneja R, Stappenbeck T, Randolph GJ, Artymov MN, Urban JF, Edelson BT. Nature Immunology. 2019, in press. doi:

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Contents: A/Prof Lim Kah Leong, IT Committee

Design: IT Committee