

ACADEMIC ACTIVITIES

Publication(s) of the week

1. Ji, X., Zou, J., Peng, H., Stolle, A. S., Xie, R., Zhang, H., Peng, B., Mekalanos, J. J., and Zheng, J. (2019) Alarmone Ap4A is Elevated by Aminoglycoside Antibiotics and Enhances their Bactericidal Activity. *Proc Natl Acad Sci U S A* [IF=10.359]
2. Zhang, P., Chan, W., Ang, I. L., Wei, R., Lam, M. M. T., Lei, K. M. K., and Poon, T. C. W. (2019) Revisiting Fragmentation Reactions of Protonated alpha-Amino Acids by High-Resolution Electrospray Ionization Tandem Mass Spectrometry with Collision-Induced Dissociation. *Sci Rep* 9 [IF=4.609]

B-CAT Meeting - Prof. Garry WONG

On April 24, Prof. Garry WONG described two projects which aim towards creating *C. elegans* worm transgenic models of human age-related neurodegenerative diseases in the B-CAT meeting. The first model is for human Parkinson's Disease (PD) and featured overexpression of human alpha-synuclein A53T mutant crossed to the null worm mutant ortholog to TDP-43 named *tdp-1*. The model recapitulated some behavioral and genetic aspects of complex PD. RNA-seq and RNAi studies showed some unique genetic interactors that are influenced during the disease. The second model is for Lewy body dementia and featured overexpression of human alpha-synuclein A53T mutant crossed with an overexpressed amyloid beta strain. The model showed protein aggregation as well as genetic interactions with small RNA gene regulatory pathways. Colleagues commented on and were interested in the potential regulation of genes in these pathways as well as potential drug development using these models and the usefulness of worms for health science studies.

Briefing for the UM-ZJU "2+4" Dual Bachelor's Degree programme in Biomedical Sciences and Clinical Medicine

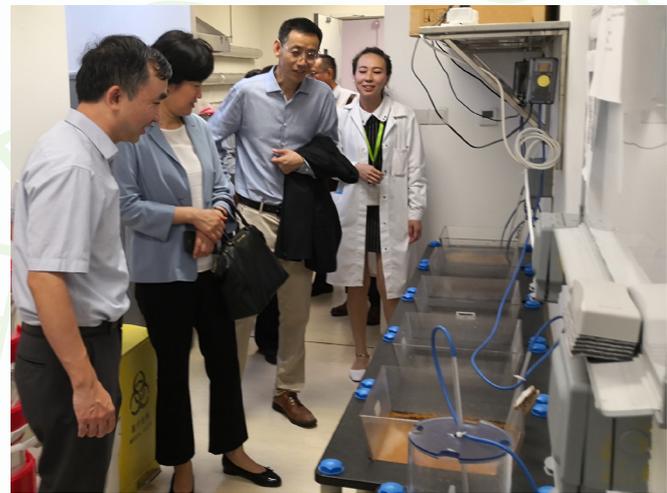
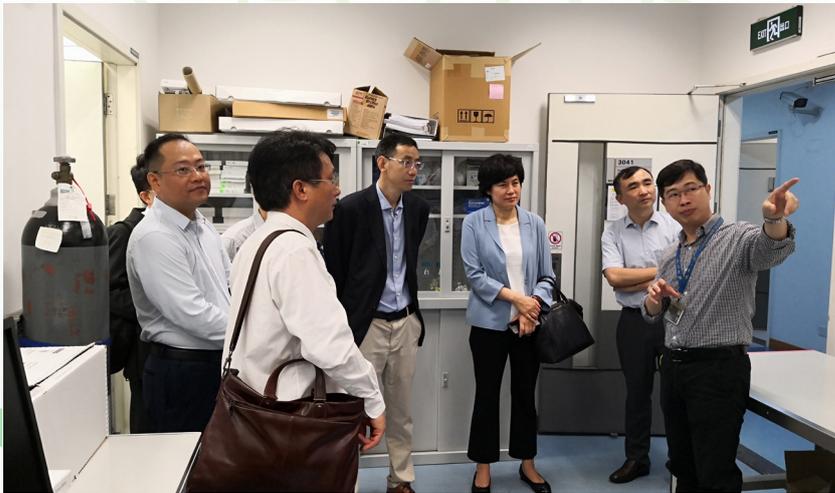
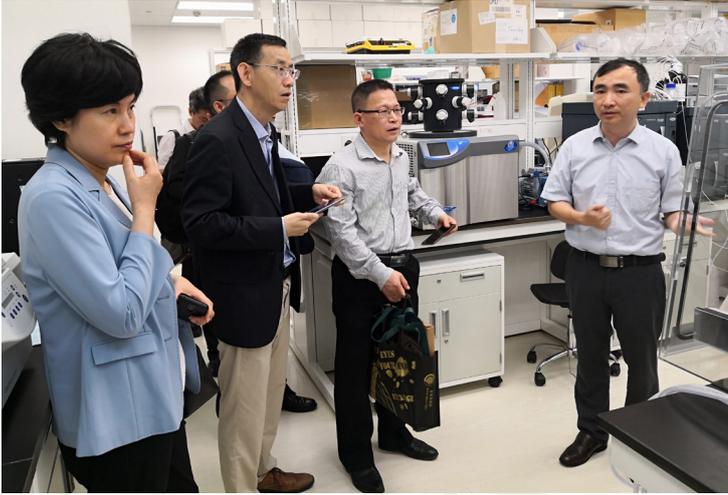
UM and Zhejiang University has signed an agreement on the launch of a "2+4" Dual Bachelor's Degree programme in Biomedical Sciences and Clinical Medicine. On 24 April, Prof. Ren-He XU introduced the dual degree and gave the most updated information of the programme to the students. Currently, the programme is undergoing the final stage of preparation before its official launching.



GUEST VISIT

Delegation Visit - South China Agricultural University

Delegations of South China Agricultural University visited FHS on 24 April. Prof. Chuxia DENG with Prof. Guokai CHEN and Prof. Terence POON received them in N22 Research Building and showed them the research environment of FHS. They guided the lab visit to the animal facilities, fish room and core facilities. They also introduced the high-level equipment in FHS to the visitors. Prof. DENG then exchanged the prospect of the scientific development in FHS with the guests in the subsequent meeting.



OUTSTANDING AWARD

On 24 April, Prof Terence POON's team "TMASS Technology Company Limited" won the "Second Runner Up" award and the "Elevator Speech" award in the Bank of China Trophy One Million Dollar Macao Regional Entrepreneurship Competition 2019. "TMASS Technology Company Limited" provides the next generation protein tests for clinical and research markets.

Congratulations to Prof. POON's team and we look forward to their success in the grand final!



CALL FOR APPLICATION

6th Macau Symposium on Biomedical Sciences 2019

6th Macau Symposium on Biomedical Sciences 2019
12-13 JUNE 2019

澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

FHS 健康科學學院
Faculdade de Ciências da Saúde
Faculty of Health Sciences

FHS is going to have the 6th Macau Symposium on Biomedical Sciences 2019 on 12 and 13 June, 2019, and we are now calling for posters. The theme of this year's symposium is INNOVATION.

If you are interested in presenting a poster, please follow the link or QR code for the registration and abstract submission: https://umac.au1.qualtrics.com/jfe/form/SV_0UIfC9QmVM4fsyh

Deadline for proposal submission: 15 May, 2019 (Wednesday)



APRIL / MAY				
Mon	Tues	Wed	Thurs	Fri
29	30	1	2	3
<p><u>Seminar Series</u> Prognostic Relevance and Therapeutic Potential of the Tetraspanin CD9 in Childhood Acute Leukemia Speaker: Prof. Kamtong LEUNG Host: Prof. Qi ZHAO Time: 14:30-15:30 Venue: E12-G004</p> <p><u>Oral Defense</u> Ms. Li LU Supervisor : Prof. Yutao XIANG Time: 9:00a.m. Venue: N6-2022</p> <p><u>Oral Defense</u> Ms. Min DONG Supervisor : Prof. Yutao XIANG Time: 11:45a.m. Venue: N6-2022</p>		<p>Labour Day Holiday</p>	<p><u>FHS Postdoc/ Student Seminar</u> Host: Prof. Xiaohua ZHANG and Prof. Hongjie ZHANG Time: 17:00-18:00 Venue: N22-G002</p>	<p><u>Seminar Series</u> Stay Hungry & Stay Healthy: Understanding the Role of Autophagy in Cancer and Beyond Speaker: Prof. Han-Ming SHEN Host: FHS Time: 10:45-11:45 Venue: E12-G004</p>
6	7	8	9	10
<p><u>Seminar Series</u> Disentangling the Manifold Functions of RORγt: A Way to Target Autoimmune Diseases Speaker: Dr. Zhiheng HE Host: FHS Time: 10:00-11:00 Venue: E12-G004</p>	<p><u>Seminar Series</u> Understanding the Regulatory Potential of Minor Spliceosome Speaker: Prof. Mikko FRILANDER Host: Prof. Garry WONG Time: 10:00-11:00 Venue: E12-G004</p>	<p><u>B-CAT Meeting #09</u> Speaker: Prof. Kathy LUO Time: 17:00 Venue: E12-G004</p>		
13	14	15	16	17
<p>The first workig day after the Buddha's Birthday</p>	<p><u>Oral Defense</u> Ms. Jingjing LI Supervisor : Prof. Lijun DI Time: 15:00 Venue: N6-G010</p>	<p><u>Oral Defense</u> Ms. Yang YANG Supervisor : Prof. Guokai CHEN Time: 15:00 Venue: N6-2022</p>	<p><u>Oral Defense</u> Mr. Peipei LI Supervisor : Prof. Lijun DI Time: 16:00 Venue: E12-G003</p>	