

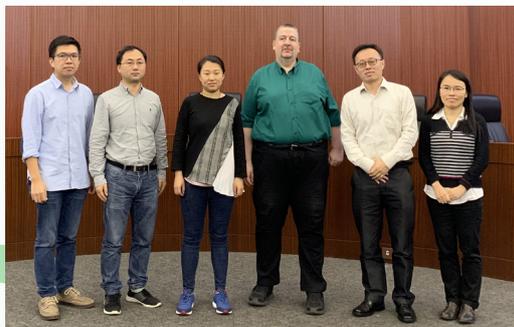
## ACADEMIC ACTIVITIES

### Publication(s) of the week

1. Peng, T. M., Jiang, Y. Z., Farhan, M., Lazarovici, P., Chen, L. G., and Zheng, W. H. (2019) Anti-inflammatory Effects of Traditional Chinese Medicines on Preclinical in vivo Models of Brain Ischemia-Reperfusion-Injury: Prospects for Neuroprotective Drug Discovery and Therapy. *Front Pharmacol* 10, 204 [IF=4.439]
2. Vassiliadis, D., Wong, K. H., Andrianopoulos, A., and Monahan, B. J. (2019) A Genome-wide Analysis of Carbon Catabolite Repression in *Schizosaccharomyces Pombe*. *BMC Genomics* 20, 251 [IF=4.257]
3. Lee, C. W., Wu, P. C., Hsu, I. L., Liu, T. M., Chong, W. H., Wu, C. H., Hsieh, T. Y., Guo, L. Z., Tsao, Y., Wu, P. T., Yu, J., Tsai, P. J., Huang, H. S., Chuang, Y. C., and Huang, C. C. (2019) New Templated Ostwald Ripening Process of Mesostructured FeOOH for Third-Harmonic Generation Bioimaging. *Small* [IF=9.061]
4. Zhang, D., Ghaly, M., and Mok, G. S. P. (2019) Interpolated CT for Attenuation Correction on Respiratory Gating Cardiac SPECT/CT - a Simulation Study. *Med Phys* [IF=3.029]
5. Debono, J., Bos, M. H. A., Coimbra, F., Ge, L. L., Frank, N., Kwok, H. F., and Fry, B. (2019) Basal but Divergent: Clinical Implications of Differential Coagulotoxicity in a Clade of Asian Vipers. *Toxicol In Vitro* [IF=3.197]

## PHD ORAL DEFENSE

### PhD Oral Defense by Xia JI of Prof. Jun ZHENG's group



Ms. Xia JI, supervised by Prof. Jun ZHENG, completed her PhD Oral Defense on 2 April. The title of her thesis was "Metabolic Control of Protein Sequestration upon Aminoglycoside Killing".

Ms. JI introduced the central role in maintaining cellular proteostasis and fitness in both eukaryotes and prokaryotes of the spatio-temporal sequestration of misfolded proteins. She also reported how lethal concentrations of aminoglycoside antibiotics caused cell death by inhibiting protein sequestration via the production of a dinucleotide alarmone metabolite -- diadenosine tetraphosphate (Ap4A). She concluded that her findings provide a new potential approach to enhance aminoglycoside killing potency which could broaden their therapeutic index, allowing lower, nontoxic dosages of these antibiotics to be used in the treatment of multidrug resistant infections.

## CALL FOR APPLICATION

### 6<sup>th</sup> Macau Symposium on Biomedical Sciences 2019



The Faculty is going to have the 6<sup>th</sup> 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\\_0UlfC9QmVM4fsyh](https://umac.au1.qualtrics.com/jfe/form/SV_0UlfC9QmVM4fsyh)



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

### 2<sup>nd</sup> Mainland Outstanding Student Summer Camp

The Faculty is going to have the 2<sup>nd</sup> Mainland Outstanding Student Summer Camp on 14 to 20 July, 2019. Students can experience research under different Professors' laboratories and participate in several academic research activities.

Details and application may refer to the link ([https://umac.au1.qualtrics.com/jfe/form/SV\\_e2GUEiNT3dUhk3z](https://umac.au1.qualtrics.com/jfe/form/SV_e2GUEiNT3dUhk3z)) and QR code. For enquires, please contact Samantha LAM at [saohalam@um.edu.mo](mailto:saohalam@um.edu.mo) or phone number with 8822 4296.



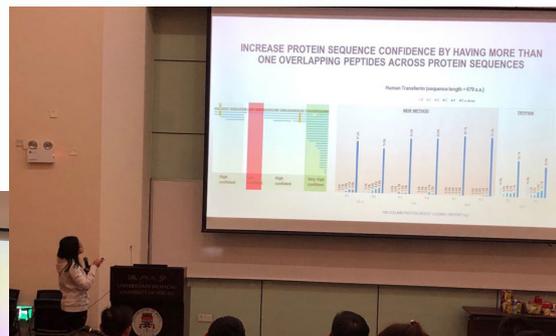
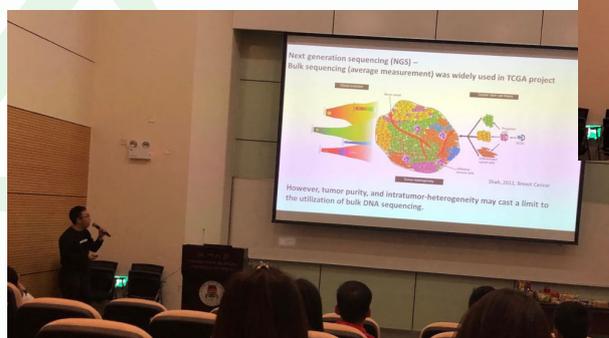
**Deadline for application: 25 April, 2019 (Thursday)**

## STUDENT ACTIVITIES

### FHS Postdoc Student Seminar - Presented by Prof. Terence POON's group and Prof. Xiaoling XU's group

On 4 April, Mr. Jianlin LIU of Prof. Xiaoling XU's group presented "Characterization of Brca1-deficient Premalignant Tissues and Cancers by Bulk and Single Cell Exome Sequencing Identifies Plekha5 as a Tumor Metastasis Suppressor" and Dr. Irene ANG of Prof. Terence POON's group presented "An Innovative Method for Protein Sequence Analysis and PTM Characterization with 100% Sequence Coverage".

The next seminar will be held on 2 May, presented by the group members of Prof. Xiaohua ZHANG and Prof. Hongjie ZHANG.



APRIL				
Mon	Tues	Wed	Thurs	Fri
<b>8</b>	<b>9</b> <b>Oral Defense</b> Mr. Pengwei ZHANG Supervisor : Prof. Terence POON Time: 16:00 Venue: N6-2022	<b>10</b> <b>B-CAT Meeting #07</b> Speaker: Prof. Gang LI Time: 17:00 Venue: E12-G004	<b>11</b>	<b>12</b> <b>HKU-FHS Joint Symposium</b> Time: 14:00-18:00 Venue: N21-G013
<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b> Good Friday (Easter holiday)
<b>22</b> The first working day after the Day before Easter (Easter holiday)	<b>23</b>	<b>24</b> <b>B-CAT Meeting #08</b> Speaker: Prof. Garry WONG Time: 17:00 Venue: E12-G004	<b>25</b>	<b>26</b>