

Publication(s)

1. Jiang, M., Yang, L. F., **Zheng, J.**, Chen, Z. G., and Peng, B. (2020) Maltose Promotes Crucian Carp Survival against *Aeromonas Sobrial* Infection at High Temperature. *Virulence* **11** (1), 877-888 [5yr IF = 5.946]
2. **Xiang, Y. T.**, Zhao, N., Zhao, Y. J., Liu, Z., Zhang, Q., Feng, Y., Yan, X. N., Cheung, T., and Ng, C. H. (2020) An Overview of the Expert Consensus on the Mental Health Treatment and Services for Major Psychiatric Disorders During COVID-19 Outbreak: China's Experiences. *Int J Biol Sci* **16** (13), 2265-2270 [5yr IF = 4.915]
3. Zhou, X., Xu, J., Zhong, R., Ma, C., Zhou, M., Cao, Z., Xi, X., Shaw, C., Chen, T., Wang, L., and **Kwok, H. F.** (2020) Pharmacological Effects of a Novel Bradykinin-Related Peptide (RR-18) from the Skin Secretion of the Hejiang Frog (*Ordorana Hejiangensis*) on Smooth Muscle. *Biomedicines* **8** (7), E225 [2019 IF = 4.717]
4. Zhang, S., Huang, Y., Kong, L., **Zhang, X.**, and Yang, J. (2020) Aggregation-Induced Emission-Active Tetraphenylethylene Derivatives Containing Arylimidazole Unit for Reversible Mechanofluorochromism and Selective Detection of Picric Acid. *Dyes Pigments* **181** [2019 IF = 4.613]
5. Zhang, Y. S., Jin, Y., Rao, W. W., Jiang, Y. Y., Cui, L. J., Li, J. F., Li, L., Ungvari, G. S., Ng, C. H., Li, K. Q., and **Xiang, Y. T.** (2020) Prevalence and Socio-Demographic Correlates of Poor Sleep Quality among Older Adults in Hebei Province, China. *Sci Rep* **10** (1), 12266 [5yr IF = 4.576]
6. Li, L., Li, L., Chai, J. X., Xiao, L., Ng, C. H., Ungvari, G. S., and **Xiang, Y. T.** (2020) Prevalence of Poor Sleep Quality in Patients with Hypertension in China: A Meta-Analysis of Comparative Studies and Epidemiological Surveys. *Front Psychiatry* **11**, 591 [5yr IF = 3.359]
7. Wang, C., Tan, J., and **Zhang, X.** (2020) Structure–Reactivity Relationship of Probes Based on the H₂S-Mediated Reductive Cleavage of the C=C Bond. *New J Chem* **44** (27), 11667-11677 [2019 IF = 3.288]

News

UMagazine (Issue 22) features FHS' achievement in tumour precision medicine.

Let's enjoy the paragraph and video via:

https://umagazine.co.um.edu.mo/2020a_1/.



BCAT Meeting

At the BCAT meeting on 29 July, Prof. William CHAO presented an overview of the newly established Structural Biology Laboratory, and discussed the major advantages and hurdles of different structural techniques that are used to study the biological systems. He shared the latest protein structures determined in his laboratory and the collaborations that he has established with both internal and external PIs. He also introduced the availabilities of the various national and provincial structural biology resources to which the Structural Biology Laboratory has obtained access.

PhD Oral Defence

PhD Oral Defences by Chunfei WANG of Prof. Xuanjun ZHANG's group

Mr. Chunfei WANG supervised by Prof. Xuanjun ZHANG completed his PhD oral defence on 30 July. His thesis title is "Fluorescent Probes with N₂O type Benzopyrromethene Boron Complexes for Imaging Biological Microenvironment".

Mr. Wang claimed that the biological microenvironment is closely related to the cell activities and functions, and it is important to monitor the biological microenvironment for the early diagnosis of diseases. He has developed a series of fluorescent probes with N₂O-type benzopyrromethene boron complexes for imaging the biological microenvironment. He reported the energy-transfer polymeric thermometer for temperature sensing, the reversible pH-responsive probe, which based on the protonation and deprotonation induced oxazolidine ring opening and closing, exhibited good colocalization with both lysosomes and mitochondria within cells. Moreover, he has successfully developed a series of fluorescent H₂S probes as the reductive cleavage of C=C bond by H₂S. He concluded that he would continue to develop more fluorescent probes as the effective tools for real-time tracking the biological microenvironment.



Aug				
Mon	Tue	Wed	Thu	Fri
3	4	5	6	7
<p>Qualifying Exam Zixin QIN Supervisor: Prof. San Ming WANG Time: 15:00 Venue: E12-4004</p> <p>Qualifying Exam Shigao HUANG Supervisor: Prof. Qi ZHAO Time: 16:00 Venue: E12-4044</p>	<p>Qualifying Exam Jun GONG Supervisor: Prof. Xuanjun ZHANG Time: 9:30 Venue: E12-4004</p>	<p>Oral Defence Changliang WANG Supervisor: Prof. Garry WONG Time: 10:00 Venue: N6-2022</p> <p>Qualifying Exam Yue ZHAI Supervisor: Prof. Wei GE Time: 15:00 Venue: E12-4004</p>	<p>FHS Postdoc/ Student Seminar Session: Drug Development Host: Prof. Henry KWOK and Prof. Kin TAM Time: 17:00-18:00 Venue: N22-G002</p> <p>Oral Defence Xinyan WANG Supervisor: Prof. Wei GE Time: 15:00 Venue: N6-2022</p> <p>Qualifying Exam Cheng ZHAO Supervisor: Prof. Wei GE Time: 10:00 Venue: E12-4004</p>	
10	11	12	13	14
		<p>BCAT Meeting Speaker: Prof. San Ming Wang Time: 17:00-18:00 Venue: E12-G004</p>		
17	18	19	20	21
<p>Oral Defence Chao BIAN Supervisor: Prof. Wei GE Time: 15:00 Venue: N6-2022</p>		<p>Qualifying Exam Yanwei SUN Supervisor: Prof. Chuxia DENG Time: 14:30 Venue: N22-4028</p>	<p>FHS Postdoc/ Student Seminar Session: Cancer Research Host: Prof. Leo LEE and Prof. Joong Sup SHIM Time: 17:00-18:00 Venue: N22-G002</p>	