

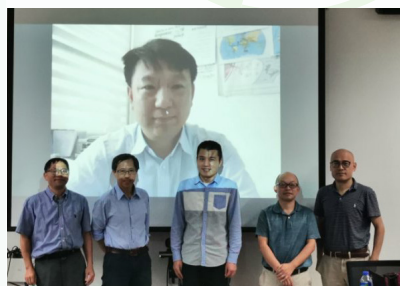
Publication(s)

1. Guo, L., Wei, R., Lin, Y., and **Kwok, H. F.** (2020) Clinical and Recent Patents Applications of PD-1/ PD-L1 Targeting Immunotherapy in Cancer Treatment-Current Progress, Strategy, and Future Perspective. *Front Immunol* **11**, 1508 [5yrs IF = 5.733]
2. Zhang, Z., Zhu, B., Chen, W., and **Ge, W.** (2020) Anti-Mullerian Hormone (Amh/Amh) Plays Dual Roles in Maintaining Gonadal Homeostasis and Gametogenesis in Zebrafish. *Mol Cell Endocrinol*, 110963 [2019 IF = 3.871]
3. Zhang, H. H., Jiang, Y. Y., Rao, W. W., Zhang, Q. E., Qin, M. Z., Ng, C. H., Ungvari, G. S., and **Xiang, Y. T.** (2020) Prevalence of Depression among Empty-Nest Elderly in China: A Meta-Analysis of Observational Studies. *Front Psychiatry* **11**, 608 [5yrs IF = 3.359]

PhD Oral Defence

PhD Oral Defences by Changliang WANG of Prof. Garry WONG's group and Xinyan WANG of Prof. Wei GE's group

Mr. Changliang WANG supervised by Prof. Garry WONG and Ms. Xinyan WANG supervised by Prof. Wei GE completed their PhD oral defences on 5 and 6 August respectively. Their thesis titles are "Deciphering the Dysregulations in Brain and Blood of Parkinson's Disease by Data I Integration Analysis" and "Functional Analysis of Ras Suppressor 1, Prohibitin and Hemicentin in the Reproductive System of *Caenorhabditis elegans*".



Mr. Wang claimed that Parkinson's Disease (PD) is caused by complex pathologies including expression alterations of genes, miRNAs or autoantibodies and methylation alterations of CpG sites. However, it remains unclear where the PD associated methylation alterations are located. Therefore, he has used the average beta value of CpG sites at the specific gene regions to measure the methylation levels, and found that methylation alterations occurred in other gene regions. He then constructed a database including PD associated methylation alterations, and integrated multi-omics data to identify PD associated gene, miRNA, protein, CpG sites and their interactions by using network analysis. He finally identified the modules of the networks and measured their performance to distinguish PD from control. He concluded that the alterations in specific genes and their interactions might facilitate the study of PD pathogenesis.



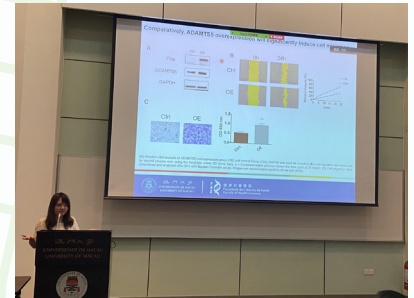
Ms. Wang reported the reproductive system of *C. elegans*, which contains several well-established tissue models for the fundamental cellular mechanism studies. She has investigated the roles of RSU-1, prohibitin-2, and HIM-4 in the reproductive system of *C. elegans* by genetics and imaging methods. Then she found the roles of RSU-1 in maintaining the integrity of vulval muscle, the roles of prohibitin-2 in vulval morphology and rachis structure, and the roles of HIM-4 in cytokinesis during germline development. She concluded that her findings are important for understanding the mechanism of cell division and cell morphology in the reproductive system of *C. elegans*.

FHS Postdoc Student Seminar

Presented by Prof. Henry KWOK's group and Prof. Kin TAM's group

On 6 August, Dr. Ran WEI of Prof. Henry KWOK's group presented "ADAMTS5—A Novel Therapeutic Drug Target in Ovarian Cancer Treatment" and Dr. Puhua WU of Prof. Kin TAM's group presented "Current Pyruvate Dehydrogenase Kinases (PDHKs) Inhibitors in Anticancer Area".

The next seminar will be held on 20 August, and presented by the group members of Prof. Leo LEE and Prof. Joong Sup SHIM, again via Zoom.



News

Featured stories about tumour precision medicine of FHS' professors are published in *UMagazine* (Issue 22). Let's enjoy the stories via:

https://mp.weixin.qq.com/s/bEKPVHNeMGtl60jRmJ_XHg



<https://mp.weixin.qq.com/s/XfRtb860qWQvhEpXOjXPBA>



Aug				
Mon	Tue	Wed	Thu	Fri
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: N22-3042</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 & ZOOM</p>	
24	25	26	27	28
		<p>Oral Defence Hao JIA Supervisor: Prof. Kathy LUO Time: 15:00 Venue: N6-2022</p> <p>Qualifying Exam Chang LU Supervisor: Prof. Jun ZHENG Time: 15:00 Venue: E12-4004</p> <p>BCAT Meeting Speaker: Prof. Ninyi SHAO Time: 17:00-18:00 Venue: E12-G004</p>	<p>Oral Defence Lingling HU Supervisor: Prof. Edwin CHEUNG Time: 10:00 Venue: N6-2022</p> <p>Oral Defence Shuo YANG Supervisor: Prof. Qi ZHAO Time: 15:00 Venue: N6-2022</p>	