

## Publication

1. Liu, Y., Wang, H., Wang, X., Liu, J., Li, J., Wang, X., Zhang, Y., Bai, Z., Zhou, Q., Wu, Y., Shen, Y., Weng, X., Liu, F., Guo, J., **Di, L.**, Gires, O., Zhang, Z., Chen, Y., and Wang, H. (2021) Prevalence and Reclassification of BRCA1 and BRCA2 Variants in a Large, Unselected Chinese Han Breast Cancer Cohort. *J Hematol Oncol* **14** (1), 18 [2019 IF = 11.059]
2. Wu, P., Zhou, Y., Guo, Y., Zhang, S. L., and **Tam, K. Y.** (2021) Recent Developments of Human Monocarboxylate Transporter (hMCT) Inhibitors as Anticancer Agents. *Drug Discov Today* [2019 IF = 7.321]
3. Li, B., Ge, L. L., Lyu, P., Chen, M. J., Zhang, X. F., Xie, S., Wu, Q., and **Kwok, H. F.** (2021) Handheld pH Meter-Assisted Immunoassay for C-Reactive Protein Using Glucose Oxidase-Conjugated Dendrimer Loaded with Platinum Nanozymes. *Microchim Acta* **188** (1), 14 [2019 IF = 6.232]
4. Ishihama, Y., Chen, Y. J., Cho, J. Y., Ming Chung, M. C., Cordwell, S. J., Low, T. Y., **Poon, T. C. W.**, and Kwon, H. J. (2021) Asia-Oceania Hupo: Past, Present and Future. *Mol Cell Proteomics*, 100048 [5yr IF = 5.865]
5. Su, Z., McDonnell, D., Wen, J., Kozak, M., Abbas, J., Segalo, S., Li, X., Ahmad, J., Cheshmehzangi, A., Cai, Y., Yang, L., and **Xiang, Y. T.** (2021) Mental Health Consequences of COVID-19 Media Coverage: The Need for Effective Crisis Communication Practices. *Global Health* **17** (1), 4 [5yr IF = 3.127]

## 1 BCAT Meeting

In the BCAT meeting on 20 January, Prof. Wakam CHANG presented his research on cell polarity and how it was affected by aging and aging-related cell secretion. He introduced how cells polarize during cell migration and explained how this process was similarly affected in Hutchinson-Gilford progeria syndrome, a severe premature aging disease, and physiological aging. He found that this aging defect was mediated by SUN1, a nuclear membrane protein, through its interaction with the microtubule cytoskeleton. He then showed that cells from both the prematurely aged and normally aged people secreted factors to

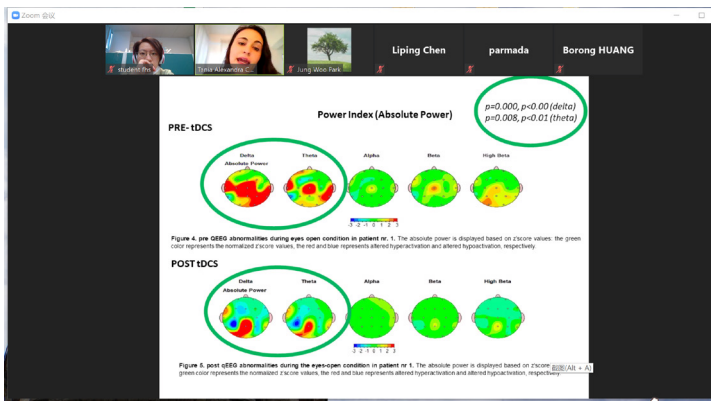
inhibit cell polarization in neighbouring cells. He has demonstrated that the inhibitory factors are proteins and has identified a list of candidate proteins using proteomics and literature search. The inhibition of cell polarity of some of the candidates had been experimentally verified. His lab is studying the mode of actions of these factors using a combination of cell biology and genomic approaches. The identification of aging factors will provide insights into the molecular mechanisms of aging, and implication in the development of aging biomarkers and anti-aging treatments.

## 2 FHS Postdoc Student Seminar

Presented by  
Prof. Zhen YUAN's group

On 21 January, Ms. Tania Alexandra COUTO of Prof. Zhen YUAN's group presented "The Impact of Connectivity Studies Guiding the Assessment and Stimulation of Affective-Cognitive Mechanisms among Healthy and Clinical Groups: Optical Neuroimaging and Electrophysiological Evidence".

The next seminar will be held on 4 February, and presented by the group members of Prof. Wenhua ZHENG and Prof. Hongjie ZHANG via Zoom again.



# UPCOMING EVENTS

		Jan
Mon	25	1
Tue	26	2
Wed	27	3 <b>BCAT Meeting</b> Speaker: Prof. Gang LI Time: 17:00-18:00 Venue: E12-G004
Thu	28	4 <b>FHS Postdoc/ Student Seminar</b> Session: Aging, and Neural and Metabolism Disorders Host: Prof. Wenhua ZHENG and Prof. Hongjie ZHANG Time: 17:00-18:00 Venue: N22-G002 and Zoom
Fri	29	5