

Publication(s)

1. Liu, K., Tan, S., Niu, S., Wang, J., Wu, L., Sun, H., Zhang, Y., Pan, X., Qu, X., Du, P., Meng, Y., Jia, Y., Chen, Q., **Deng, C.**, Yan, J., Wang, H. W., Wang, Q., Qi, J., and Gao, G. F. (2021) Cross-Species Recognition of SARS-CoV-2 to Bat Ace2. *Proc Natl Acad Sci U S A* **118** (1) **[5yr IF = 10.62]**
2. **Zhang, X. D.**, Wang, D., Sun, S., and Zhang, H. (2020) Issues of Z-Factor and an Approach to Avoid Them for Quality Control in High-Throughput Screening Studies. *Bioinformatics* **[5yr IF = 9.853]**
3. Wang, Z. X., Ma, J., Li, X. Y., Wu, Y., Shi, H., Chen, Y., Lu, G., **Shen, H. M.**, Lu, G. D., and Zhou, J. (2020) Quercetin Induces P53-Independent Cancer Cell Death via Tfeb-Mediated Lysosome Activation and ROS-Dependent Ferroptosis. *Br J Pharmacol* **[2019 IF = 7.73]**
4. Bo, H. X., Yang, Y., Chen, J., Zhang, M., Zhang, D. Y., Li, Y., Li, R., Cheung, T., Ng, C. H., Wu, X. J., and **Xiang, Y. T.** (2020) Prevalence of Depressive Symptoms among Chinese Pregnant and Postpartum Women during the COVID-19 Pandemic. *Psychosom Med* **[5yr IF = 4.406]**
5. Lei, K. C., and **Zhang, X. D.** (2020) Conservation Analysis of SARS-CoV-2 Spike Suggests Complicated Viral Adaptation History from Bat to Human. *Evol Med Public Health* **2020** (1), 290-303 **[2019 IF = 4.222]**
6. **Kwok, H. F.** (2020) Novel Natural-Based Biomolecules Discovery for Tackling Chronic Diseases. *Biomolecules* **10** (12) **[2019 IF = 4.082]**
7. Zhao, N., Yang, Y., Zhang, L., Zhang, Q., Balbuena, L., Ungvari, G. S., Zang, Y. F., and **Xiang, Y. T.** (2020) Quality of Life in Parkinson's Disease: A Systematic Review and Meta-Analysis of Comparative Studies. *CNS Neurosci Ther* **[2019 IF = 4.074]**
8. Wang, Y., Li, J., Li, J., Li, P., **Wang, L.**, and **Di, L.** (2020) An Enhancer-Based Analysis Revealed a New Function of Androgen Receptor in Tumor Cell Immune Evasion. *Front Genet* **11**, 595550 **[5yr IF = 4.005]**
9. Zhang, W. Y., Zhao, Y. J., Zhang, Y., He, F., Pan, H. Q., Cheung, T., Ungvari, G. S., Li, S. Y., and **Xiang, Y. T.** (2020) Psychometric Properties of the Quick Inventory of Depressive Symptomatology-Self-Report (Qids-Sr) in Depressed Adolescents. *Front Psychiatry* **11**, 598609 **[5yr IF = 3.359]**
10. Zou, S., Liu, Z. H., Yan, X., Wang, H., Li, Y., Xu, X., Du, X., Zhang, L., Zhang, Q., Jackson, T., Ungvari, G. S., and **Xiang, Y. T.** (2020) Prevalence and Correlates of Fatigue and Its Association with Quality of Life among Clinically Stable Older Psychiatric Patients during the COVID-19 Outbreak: A Cross-Sectional Study. *Global Health* **16** (1), 119 **[5yr IF = 3.127]**

NEWS

UM, KingMed Diagnostics Establish Joint Laboratory to Promote Health Services and Science in Greater Bay Area

UM and Guangzhou KingMed Diagnostics Group Co, Ltd (KingMed Diagnostics) recently signed an agreement on establishing a joint laboratory of innovation with the aim of promoting industrial diversification in Macao and improving the overall quality of medical research and technology transfer in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA). In line with the development strategy of the Macao SAR government and the development of the GBA, the lab will fulfill the demands for the collaboration between the two parties and will take advantage of their strengths in the fields of precision and translational medicine, public health, and clinical diagnostics.



The signing ceremony was held at KingMed Diagnostics Academic Committee Conference 2020. Prof. Wei GE, Vice Rector (Research), and Yaoming LIANG, chairman of the board of directors of



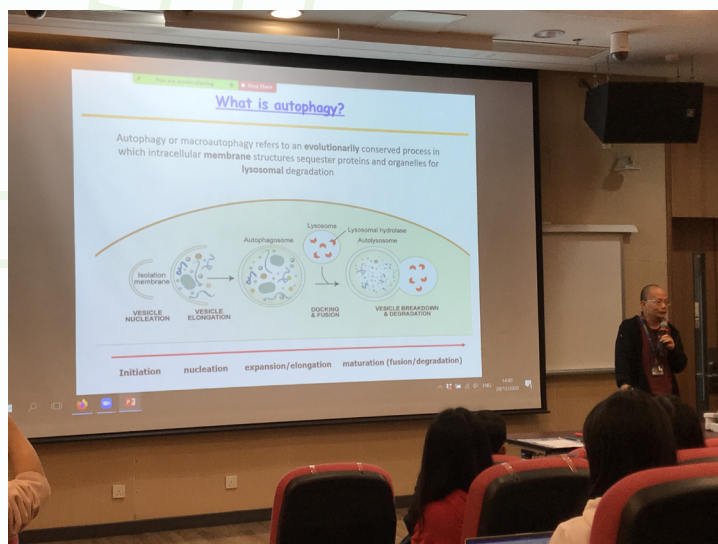
KingMed Diagnostics, signed the agreement on behalf of UM and the medical company, respectively. Prof. Guokai CHEN, Associate Dean, FHS, was present at the ceremony. Prof. Nanshan ZHONG, a member of the Chinese Academy of Engineering, also joined the signing ceremony and praised UM for its research results and potential in technology transfer after his recent visit to UM. He expressed that UM and KingMed Diagnostics would strengthen collaboration and jointly promote technology transfer in the field of medical sciences.

The establishment of the joint laboratory is meaningful to UM and KingMed Diagnostics, and will have strong implications for technological development in Guangdong and Macao. The lab will deepen collaboration between Guangdong and Macao in biomedicine and will help develop the area into an international centre for biomedical technology and innovation and a centre for demonstrating the application of technologies in the industry. In addition, the lab will help promote the development, incubation, and commercialisation of new technologies, strengthen collaboration between Guangdong and Macao, and boost the development of preventive medicine, precision medicine, and personalised medicine in the GBA.



FHS Holds the 3rd Macau Stem Cell Symposium Online and Offline

The 3rd Macau Stem Cell Symposium, organized by FHS and co-organized by the Macau Society for Stem Cell Research, was held on 28 December online and offline. Prof. Guokai CHEN, Associate Dean (Teaching) of FHS, welcomed all the participants at the opening ceremony. At the symposium, the scholars shared their latest research findings and views on cutting-edge technologies in stem cell research. Prof. Qiang WU, Associate Professor of Macau University of Science and Technology delivered a talk about how NPAC was used as a link between histone modifications and transcription. Dr. Chiyeung YUEN, Hong Ying Professional Clinic, gave a speech on how stem cell technology applies to modern medical beauty. Prof. Chunming WANG, Associate Professor of Institute of Chinese Medical Sciences, mentioned the use of biomaterials tools in the research related to stem cells. In addition, Prof. Renhe XU, Associate Dean (Research) of FHS, Prof. Hanming SHEN, Chair Professor of FHS, and Prof. Chen also shared their latest research achievements in stem cell research in the symposium.



JAN				
Mon	Tue	Wed	Thu	Fri
4 Oral Defence Kefang LIU Supervisor: Prof. Chuxia DENG Time: 15:00 Venue: E12-1015	5	6 BCAT Meeting Speaker: Prof. Wakam CHANG Time: 17:00-18:00 Venue: E12-G004	7 FHS Postdoc/ Student Seminar Session: Data science Host: Prof. San Ming WANG and Prof. Douglas ZHANG Time: 17:00-18:00 Venue: N22-G002 and Zoom	8
11	12	13 AC Meeting Time: 15:00-17:00 Venue: N21-G013	14	15 Oral Defence Ran KE Supervisor: Prof. Leo Tsz On LEE Time: 15:00 Venue: E12-1015
18	19	20	21	22



For more information or submission of articles to be featured, please contact Ms. Mathilde CHEANG at mathildec@um.edu.mo or 8822 4909.