

ACADEMIC ACTIVITIES

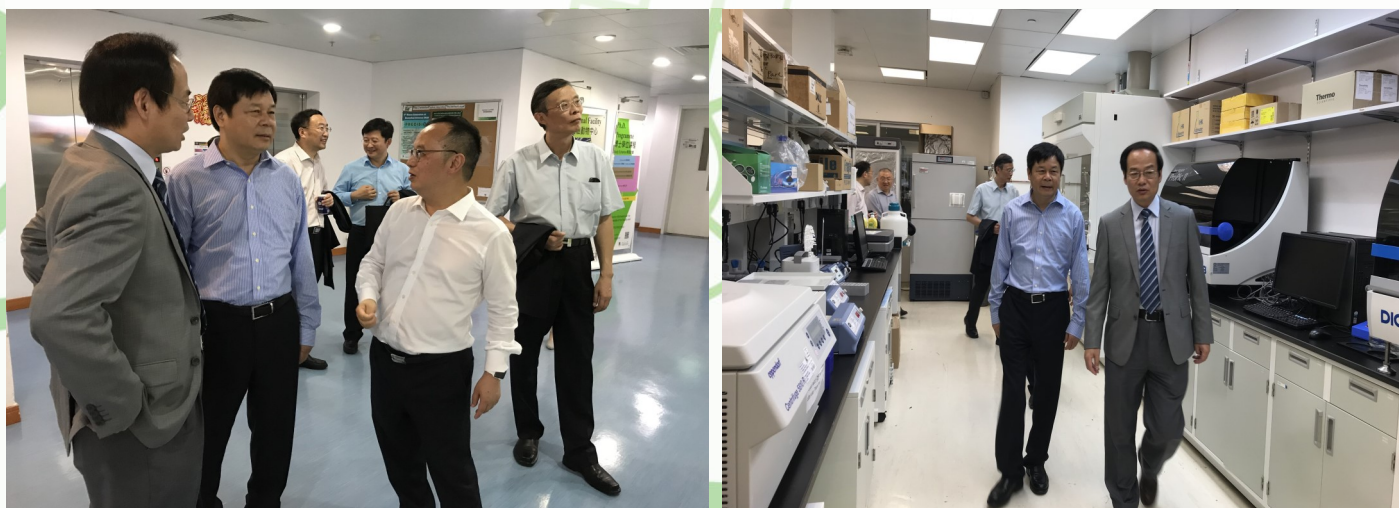
Publication of the week

1. Li, Y., Schang, G., Wang, Y., Zhou, X., Levasseur, A., Boyer, A., Deng, C. X., Treier, M., Boehm, U., Boerboom, D., and Bernard, D. J. (2018) Conditional deletion of FOXL2 and SMAD4 in gonadotropes of adult mice causes isolated FSH deficiency. *Endocrinology*
2. Liu, W., Ren, Z., Lu, K., Song, C., Cheung, E. C. W., Zhou, Z., and Chen, G. (2018) The Suppression of Medium Acidosis Improves the Maintenance and Differentiation of Human Pluripotent Stem Cells at High Density in Defined Cell Culture Medium. *Int J Biol Sci* 14, 485-496
3. Lu, L., Dong, M., Wang, S. B., Zhang, L., Ng, C. H., Ungvari, G. S., Li, J., and Xiang, Y. T. (2018) Prevalence of Workplace Violence Against Health-Care Professionals in China: A Comprehensive Meta-Analysis of Observational Surveys. *Trauma Violence Abuse*, 1524838018774429
4. Rao, W. W., Zong, Q. Q., Lok, G. K. I., Wang, S. B., An, F. R., Ungvari, G. S., Ng, C. H., and Xiang, Y. T. (2018) Prevalence of falls in adult and older adult psychiatric patients in China: A systematic review and comprehensive meta-analysis of observational studies. *Psychiatry Res* 266, 18-25
5. Tang, Y., Tang, L. Y., Xu, X., Li, C., Deng, C., and Zhang, Y. E. (2018) Generation of Smurf2 Conditional Knockout Mice. *Int J Biol Sci* 14, 542-548

VISITS AND EVENTS

The Vice Minister of MOE Zhanyuan DU visited FHS

A delegation led by Zhanyuan DU, the Vice Minister of MOE, visited FHS on 31 May 2018. Rector Yonghua SONG and Prof. Wei GE accompanied them to visit FHS labs and facilities. Vice Minister DU fully affirmed the development and construction of FHS and hopes that FHS can make more achievements in education, research and innovation.



STUDENT ACTIVITIES

UM held the Congregation 2018

UM held the Congregation 2018 on 26 May. At the ceremony, nine students of FHS obtained their Bachelor degree. NG Pei Wen, Stephaine was also awarded Macau Foundation Academic Prize as the outstanding graduating student.



PhD oral defense

Dandan XU from Prof. Yutao XIANG's lab completed her PhD oral defense on 29 May 2018. Her thesis title is "Prevalence of Internet Addiction and related psychiatric problems and problematic behaviors among adolescents in Macau and mainland China".

She finished six papers' drafting during her study in FHS. Among them, two papers have been accepted for publication with an accumulated impact factor of 6.7, and the others are under review.



OTHER NOTIFICATIONS

5th Macau Symposium on Biomedical Sciences 2018

The 5th Macau Symposium on Biomedical Sciences 2018 is approaching. It will be held from 8 - 9 June 2018. This year, the theme of the symposium is PRECISION. Ada Yonath, Nobel Laureate in Chemistry 2009, and Douglas Lowy, the receiver of the 2017 Lasker-DeBakey Clinical Medical Research Award have been invited as keynote speakers.

For details, please refer to the related information posted on the website: <https://msbs2018.fhs.umac.mo/>.

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PI INTRODUCTION SERIES

Prof. Zhen YUAN

Prof. Zhen YUAN received his Bachelor degree in Mechanical Engineering at the Luoyang Institute of Technology in 1996 and obtained his PhD degree in Mechanics at the Department of Modern Mechanics of the University of Science and Technology of China in 2002. His supervisors are very famous scientists, Prof. Changchun WU and Prof. Maoguang HUANG. He finished his postdoc training in different institutes from 2002 to 2007, including the Institute of High Performance Computing at the National University of Singapore (2002-2004), the Physics Department of Clemson University (2005), and the Biomedical Engineering Department of the University of Florida (2005-2007).

Prof. YUAN joined UM as Assistant Professor in 2013 and early promoted to Associate Professor in 2017. Before joining UM, he worked as a Research Assistant Professor at the Biomedical Engineering Department of the University of Florida from 2007 to 2012. And then as a tenure track Assistant Professor in



Hugh Downs School of Communication and Research Assistant Professor in the Department of Psychology at the Arizona State University in 2012 and 2013.

His academic investigation focuses on the cutting-edge research and development in biomedical optics and optical imaging, particular in biomedical imaging of brain and cancer. These imaging tools are able to reveal invaluable information about the diseases at the molecular and functional levels that may lead to better treatments and possible cures. He has been fully recognized by domestic and international counterparts through more than 120 SCI publications in high/good ranked journals in his field. In addition, he has published 12 papers in Chinese journals, over 80 conference papers and 8 books or book chapters. He obtained 3 patents, 4 NIH grants, 1 US Department Defense grant, 1 US DARPA grant, 3 FDCT grants and 4 MYRG grants. He has made 100 conference presentations.

Prof. YUAN is the editorial board member of Quantitative Imaging in Medicine and Surgery and associate editor of BMC Medical Imaging and Frontiers in Human



Neuroscience. He is the senior member of OSA and the senior member of SPIE, and he also serves as a core member of China Biomedical Engineering Committee and Chinese Biomedical Optics Committee. Since he joined FHS in 2013, he has published over 90 SCI papers and the total citation is more than 1,200 times in just 3 years. Among these, there are 20 papers published in journals with impact factors higher than 5. His academic investigations are focused on three perspectives:

Biomedical Optics: a) Diffuse Optical Tomography(DOT); b) Functional Near Infrared Spectroscopy (fNIRS); c) Photoacoustic Tomography/Photoacoustic Microscopy (PAT and PAM); d) Optical Coherence Tomography(OCT); e) Super Resolution Microscopy and Fluorescent Imaging.

Optical Molecular Imaging and Cancer Nanomedicine: a) Photothermal and Photodynamic Therapy/Imaging Monitoring; b) Molecular Imaging and Cancer Nanomedicine.

Neuroimaging and Neurosciences: a) Cognitive Neuroscience; b) Psychiatric Disorders; c) Neurological Disorders; d) EEG/fNIRS/fMRI Multimodal Neuroimaging Techniques/Network Analysis Method Development.

As a professor in fields of biomedical optics and biomedical imaging, he has demonstrated very good research achievements in the past 5 years, and he will continue to become excellent in these research fields in the future. Professor YUAN's group is committed to maintain the very best research in the biomedical imaging field. His dream is to establish a leading group in FHS of UM. He will never give up the dream whatever difficulties he may meet.

VISITS AND EVENTS

Chan Sui Ki Perpetual Help College will have a lab visit for FHS on 5 June 2018 (Tue) afternoon.

B-CAT MEETING #19

Prof. Ruiyu XIE will give her talk at the upcoming B-Cat meeting on 6 June 2018.

