

ACADEMIC ACTIVITIES

Seminars #12

On 6 Apr, FHS organized a family-based mini-symposium. Prof. Bon-Chu CHUNG from Academia Sinica of Taiwan with her daughter Dr. Ying-Ja CHEN from ACT Genomics Company and her son-in-law Dr. Sheng-Hong CHEN also from Academia Sinica delivered three topics titled “Zebrafish Gonad Development”, “Next-generation Sequencing for Precision Cancer Management” and “Temporal Design of Cancer Combinatorial Therapy Guided by Single-cell Dynamics”, respectively.

They are all outstanding scientists and their research areas match our Faculty’s very well. Prof. CHUNG’s family is a good example that family members do not have to sacrifice one’s career for another to do science.



B-CAT Meeting

On 4 Apr, Dr. Qiang CHEN gave his talk at B-CAT meeting entitled “BRCA1, as a tumor suppressor functions from nucleus to cytoplasm”.

Dr. CHEN introduced the novel function of BRCA1 on maintaining healthy mitochondrial network. They found that BRCA1 translocated onto the mitochondria under mitochondrial damage condition, and promoted mitophagy to clean damaged mitochondria through ATM-AMPK pathway. They also found that BRCA1 deficient cells contained more damaged mitochondria and secreted more inflammatory cytokine IL-1 β , which contributes to cancer metastasis. He suggested that pharmacological inhibition of inflammasome activation represents a novel strategy to block BRCA1 mutant breast cancer metastasis.

SEMINARS #12

Title: History and evolution of Transforming Growth factor- β and Smad transcription factor signalling: Smad linker region phosphorylation emerges as an independent cell-signalling pathway

Speaker: Peter James Little

School of Pharmacy, University of Queensland, Australia

Date: 9 April 2018 (Mon)

Time: 10:00 – 11:00am

Venue: E12 – G004

