5th Annual Joint Research Symposium
International Biomedical Research Forum
Durham Research Center Auditorium | Thursday, June 12, 2014 | 8:30 a.m - 4:15 p.m.
(Poster Session from 12:00 - 1:30 p.m., Durham Research Center Atrium)

PROGRAM

8:30 a.m.
Welcome and Remarks
Jeffrey Gold, MD, University of Nebraska Medical Center
Le Kang, PhD, Chinese Academy of Sciences
Jennifer Larsen, MD, University of Nebraska Medical Center
Guo-tong Xu, MD, PhD, Tongji University

Host by: Kenneth Bayles, PhD & Jialin Zheng, MD, University of Nebraska Medical Center

Session 1: Jialin Zheng, MD, & Kenneth Bayles, PhD, Moderators

9:00 a.m.
Junhui Wang, PhD, associate professor, Institute of Genetics, Zhejiang University and
Kenneth Bayles, PhD, professor, University of Nebraska Medical Center
* A Trans-Kingdom Conservation of Cell Death Mechanisms *

9:30 a.m.
Daniel Monaghan, PhD, professor, University of Nebraska Medical Center (One of the first UNMC faculty who helped China collaboration in 2004)
* Development of Positive Allosteric Modulators of NMDA Receptors for the Treatment of Schizophrenia *

10:00 a.m. Break

Session 2: Vimla Band, PhD, Moderator

10:30 a.m.
Musheng Zeng, MD, PhD, vice director and professor, Sun Yat-sen University Cancer Center, (UNMC Collaborator: Hamid & Vimla Band)
* Epstein-Barr Virus Infection and Malignant Transformation of Nasopharyngeal Epithelial Cells *

11:00 a.m.
Hamid Band, MD, PhD, professor, University of Nebraska Medical Center (Chinese Collaborator: Musheng Zeng)
* The Role of Tyrosine Kinase-Directed Ubiquitin Ligases of Cbl Family in Stem Cell Homeostasis *
11:30 a.m.  
**Minjie Sun, PhD**, associate professor, China Pharmaceutical University (UNMC Collaborator: David Oupicky)  
*Dual-Function Nanomedicines Targeting Chemokine Networks in Cancer and Inflammatory Diseases*

12:00 a.m. - 1:30 p.m.  
Poster Session and Lunch Break

**Session 3: Quan Dong Nguyen, MD, MSc, Moderator**

1:30 p.m.  
**Guo-tong Xu, MD, PhD**, professor and dean, School of Medicine, Tongji University  
(UNMC Collaborator: Quan Dong Nguyen)  
*Comparison of ESC-derived Donor Cells and Adult Stem Cells in Treating Retinal Degeneration in Rats*

2:00 p.m.  
**Carol Toris, PhD**, professor, University of Nebraska Medical Center (Chinese Collaborator: Tao Guo, People’s Tenth Hospital of Tongji University)  
*Age Effects on Aqueous Humor Dynamics in Healthy Chinese Volunteers*

2:30 p.m. Break

**Session 4: Kai Fu, MD, PhD, Moderator**

3:00 p.m.  
**Yong Zhao, MD, PhD**, professor, State Key Laboratory of Biomembrane and Membrane Biotechnology, Institute of Zoology, Chinese Academy of Sciences (UNMC Collaborator: Kai Fu)  
*TSC1 Controls Macrophage Polarization and Prevents Inflammatory Disorder*

3:30 p.m.  
**Jianqing Ding, MD, PhD**, professor and deputy director, Institute of Neurology, Shanghai Jiaotong Unviersity School of Medicine, Ruijin Hospital (UNMC Collaborator: Jialin Zheng)  
*Increase APP and its beta-C-terminal Fragment Induce Endosomal Dysfunction and disrupt NGF Signaling*

4:00 pm  
Closing remarks by  
**Kenneth Bayles, PhD**, University of Nebraska Medical Center