



## The Hebrew University of Jerusalem & Beijing Institutes of Life Sciences Chinese Academy of Sciences



### 2<sup>nd</sup> Joint Symposium on Life Sciences: Towards New Frontiers and Collaborations Tuesday, 23 January 2018

Faculty Club, Alexander Silberman Institute of Life Sciences, Edmond Safra Campus,

8:45 Opening ceremony, Organizer, **Prof. Joseph Hirschberg**, Alexander Silberman Institute of Life Sciences, HU

**Prof. Re'em Sari**, Vice President for Research and Development, The Hebrew University

**Prof. Le Kang** President, Beijing Institutes of Life Science, CAS, Institute of Zoology

**Prof. Oded Livnah**, Chairman, Alexander Silberman Institute of Life Sciences, HU

9:00-10:00 Session I Chair: **Prof. Le Kang** President, Beijing Institutes of Life Science, CAS

**Prof. Xian-Hui Wang**, Institute of Zoology, CAS

MOLECULAR BASIS OF PHASE-RELATED BEHAVIORAL PLASTICITY IN THE MIGRATORY LOCUST

**Prof. Guy Bloch**, Alexander Silberman Institute of Life Sciences, HU

SOCIAL CLOCK OF THE BEE

10:00-12:30 Session II, Chair: **Prof. Liran Carmel**, Alexander Silberman Institute of Life Sciences, HU

**Prof. Runsheng Chen**, Institute of Biophysics Genomics, CAS

GENOMICS, BIG DATA, AND PRECISION MEDICINE

Coffee Break

**Prof. Hanah Margalit**, Institute for Medical Research Israel-Canada (IMRIC), Faculty of Medicine, HU

SYSTEM BIOLOGY OF NON-CODING RNAs

**Prof. Fangqing Zhao**, Beijing Institutes of Life Science, CAS

COMPUTATIONAL METHODS FOR EXPLORING CIRCULAR RNAs

**Prof. Nir Friedman**, Rachel and Selim Benin School of Computer Science and Engineering and Alexander Silberman Institute of Life Sciences, HU

SYSTEM BIOLOGY OF CHROMATIN AND TRANSCRIPTION

12:30-14:00 Lunch Break

14:00-17:30 Session III Chair: **Prof. Oren Ostersetzer-Biran** Alexander Silberman Institute of Life Sciences, HU

**Prof. Xiuzhu Dong**, Institute of Microbiology, CAS

POSTTRANSCRIPTIONAL REGULATION INVOLVED IN COLD-ADAPTATION OF METHANOGENIC ARCHAEA

**Prof. Aharon Oren**, Alexander Silberman Institute of Life Sciences, HU

THE SALTERNS OF EILAT AS A MODEL SYSTEM FOR THE STUDY OF MICROBIAL DIVERSITY AT HIGH SALT CONCENTRATIONS

**Prof. Kang Chong**, Institute of Botany, CAS

PLANT SENSING COLD AND MOLECULAR IMPROVEMENT OF COLD TOLERANCE TRAITS FOR BREEDING

Coffee Break

**Prof. Rachel Green**, Alexander Silberman Institute of Life Sciences, HU

CIRCADIAN RHYTHMS AND PLANT GROWTH IN CHALLENGING ENVIRONMENTS

**Prof. Lixin Zhang**, Institute of Botany, CAS

CHLOROPLAST SIGNALING AND PLANT DEVELOPMENT

**Prof. Zach Adam**, Robert H. Smith Institute of Plant Sciences and Genetics, Faculty of Agriculture, HU

GENE MULTIPLICATION IN PLANTS AND ITS FUNCTIONAL IMPLICATIONS TO PHOTOSYNTHESIS