**附件3：**

**Hebrew University of Jerusalem**

**Faculty of Agriculture, Food and Environment**

**Hosts for Chinese Postdocs, for 2015-2016**

**Prof. Israel Rozenboim**

Department of Animal Sciences

[rozenboi@agri.huji.ac.il](mailto:rozenboi@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/animal/staff_pages/ruli.htm>

1. Monochromatic photostimulation of broilers

**Prof. Berta Sivan**

Department of Animal Sciences

[sivan@agri.huji.ac.il](mailto:sivan@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/animal/staff_pages/hberta.htm>

1. Advanced Puberty in Sturgeon

**Dr. Ido Braslavsky**

Institute of Biochemistry, Food Science and Nutrition

[braslavs@agri.huji.ac.il](mailto:braslavs@agri.huji.ac.il)

<http://www.agri.huji.ac.il/~braslavs/>

1. Ice Binding Proteins and their interaction with ice crystals; fluorescence microscopy and microfluidic approach

**Prof. Alexander Vainstein**

Institute of Plant Sciences and Genetics in Agriculture

[vain@agri.huji.ac.il](mailto:vain@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/plantscience/staff-eng/vainstein.html>

1) Regulation of floral scent production

2) Artemisinin biosynthesis in a non-host plants

**Prof. Oded Shosheyov**

Institute of Plant Sciences and Genetics in Agriculture

[Shoseyov@agri.huji.ac.il](mailto:Shoseyov@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/plantscience/people/Oded_Shoseyov/>

<http://nanoscience.huji.ac.il/researchers.htm>

1) Nano biotechnology

**Dr. Alon Samach**

The Robert H. Smith Institute for Plant Sciences and Genetics in Agriculture

[alon.samach@mail.huji.ac.il](mailto:alon.samach@mail.huji.ac.il)

<http://departments.agri.huji.ac.il/plantscience/staff-eng/alonsamach.html>

1. The molecular basis of alternate bearing in fruit trees"

**Prof. Yehoshua Saranga**

Institute for Plant Sciences and Genetics in Agriculture

[saranga@agri.huji.ac.il](mailto:saranga@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/plantscience/people/Yehoshua_Saranga/>

1. Physiology and molecular breeding for plant adaptation to drought and salinity.

**Prof. Edouard Jurkevitch**

Department of Plant Pathology and Microbiology

[edouard.jurkevitch@mail.huji.ac.il](mailto:edouard.jurkevitch@mail.huji.ac.il)

<http://departments.agri.huji.ac.il/plantpath/jurkevitch/>

1. Effects of predatory interactions between bacteria on bacterial community structure and functioning
2. Regulation of cell cycle in predatory bacteria
3. Gene transfer in insect symbionts
4. Improving pest control through the manipulation of insect symbionts

**Prof. Rony Wallach**

Department of Water and Soil Sciences

[Wallach@agri.huji.ac.il](mailto:Wallach@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/soils/wallach/>

1. Unstable flow in sub-critical repellent (00<<900) porous media/soils.
2. Measuring temporal oscillations in transpiration rate under limited water availability to the plant.

**Dr Zohar Kerem**

Institute of Biochemistry, Food Science and Nutrition

[zohar.kerem@mail.huji.ac.il](mailto:zohar.kerem@mail.huji.ac.il)

<http://departments.agri.huji.ac.il/biochemfoodsci722/teachers/zohar_kerem/research.htm>

1: Herbals to combat obesity: extraction, identification and elucidation of mode of action.

2: Natural antimicrobials in ornamental plants

**Dr. Hagai Abeliovich**

Institute of Biochemistry, Food Science and Nutrition

[hagai.abeliovich@mail.huji.ac.il](mailto:hagai.abeliovich@mail.huji.ac.il)

<http://departments.agri.huji.ac.il/biochemfoodsci722/teachers/hagai_abeliovich/>

1. Regulation of stationary phase mitophagy in S. cerevisiae
2. Studies of the plant phenylpropanoid pathway using metabolically engineered S. cerevisiae

**Dr. Zvi Roth**

Department of Animal Sciences

[Roth@agri.huji.ac.il](mailto:Roth@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/animal/heb/staff/faculty_staff/roth_zvi/index.php>

1. The effect of environmental contamination of embryonic development in bovine.

**Dr. Rivka Elbaum**

Institute of Plant Sciences and Genetics in Agriculture

[Elbaum@agri.huji.ac.il](mailto:Elbaum@agri.huji.ac.il)

http://departments.agri.huji.ac.il/plantscience/people/Rivka\_Elbaum/

1. SiIlicon influence on plant physiology, and processes involved in plant bio-silicification

**Prof. Saul Burdman**

Department of Plant Pathology and Microbiology

[saul.burdman@mail.huji.ac.il](mailto:saul.burdman@mail.huji.ac.il)

<http://departments.agri.huji.ac.il/plantpath/burdman/>

1 Phenotypic variation in the plant pathogenic bacterium Acidovorax citrulli.

1. Roles of the Ax21 molecule in Xanthomonas euvesicatoria.

**Dr Eyal Fridman**

The Institute for Plant Sciences and Genetics in Agriculture

[fridmane@agri.huji.ac.il](mailto:fridmane@agri.huji.ac.il)

http://departments.agri.huji.ac.il/plantscience/people/Eyal\_Fridman/

1. The molecular basis of heterosis or hybrid vigor in plants.

**Dr. Nava Moran**

The Institute for Plant Sciences and Genetics in Agriculture

[morana@agri.huji.ac.il](mailto:morana@agri.huji.ac.il)

<http://departments.agri.huji.ac.il/plantscience/people/Nava_Moran/>

1. Plants molecular physiology, focusing largely, but not only, on electrophysiology.