## Welcome Session

**Nebahat Sarı**

### The Next Generation of Berry Crop Breeding: Genomic vs Conventional Approaches

**James F. Hancock**

### Comparative RNA-Seq Analysis on The Regulation of Cucumber Sex Differentiation under Different Ratios of Blue and Red Light

**Houcheng Liu, Jiali Song, Yiting Zhang, Shiwei Song, Yanwei Hao**

### Peach Genomics and Breeding Programs at Zhengzhou Fruit Research Institute

**Lirong Wang, Gengrui Zhu, Weichao Fang, Ke Cao, Changwen Chen, Xinwei Wang**

### Whole Genome Sequencing of 480 Accessions Provides Insights into Breeding History of Peach

**Yong Li, Ke Cao, Gengrui Zhu, Weichao Fang, Changwen Chen, Xinwei Wang, Lirong Wang**

### Coffee Break / Poster Presentations

#### Session 1 Chair: Nebahat Sarı

- **09:00-09:45**
  - Keynote Speaker
  - The Next Generation of Berry Crop Breeding: Genomic vs Conventional Approaches
  - **James F. Hancock**

- **09:45-10:00**
  - Comparative RNA-Seq Analysis on The Regulation of Cucumber Sex Differentiation under Different Ratios of Blue and Red Light
  - **Houcheng Liu, Jiali Song, Yiting Zhang, Shiwei Song, Yanwei Hao**

- **10:00-10:15**
  - Peach Genomics and Breeding Programs at Zhengzhou Fruit Research Institute
  - **Lirong Wang, Gengrui Zhu, Weichao Fang, Ke Cao, Changwen Chen, Xinwei Wang**

- **10:15-10:30**
  - Whole Genome Sequencing of 480 Accessions Provides Insights into Breeding History of Peach
  - **Yong Li, Ke Cao, Gengrui Zhu, Weichao Fang, Changwen Chen, Xinwei Wang, Lirong Wang**

#### Session 2 Chair: Bruce Topp

- **11:00-11:15**
  - Polyembryony in The Inter-Specific Hybrids between Apricot and Almond
  - **Haoyuan Sun, Junhuan Zhang, Fengchao Jiang, Li Yang, Yuzhu Wang**

- **11:15-11:30**
  - Comparative Study of the Content of Phenolic Compounds in Olive Fruits and Leaves for Possible Use in Breeding Programs for The Functional Selection of Olive Cultivars
  - **Carlos Sanz, Angelina Belaj, Juan Luis Tortosa, Ana Gracia Pérez**

- **11:30-11:45**
  - Genetic Evaluation of Apple Neotetraploids cv. ‘Redchief’ Obtained by In Vitro Method and Preliminary Phenotypic Observations
  - **Malgorzata Podwyszyńska, Monika Markiewicz**

- **11:45-12:00**
  - Selection of Service Tree (Sorbus domestica L.) Genotypes Naturally Grown in Tokat Region
  - **Oznur Oz Atasever, Resul Gercekcioglu, Asli Yilmaz**

- **12:00-12:15**
  - Apricot Breeding for Late flowering in Nikita Botanical Gardens
  - **Valentina Gorina, Vadim Korzin, Natalya Mesyats**

- **12:15-12:30**
  - Clonal Selection of Satsuma Mandarin in Rize Province, Turkey
  - **Keziban Yazıcı, Burcu Goksu, Mustafa Akbulut, Nalan Bakoglu**

- **12:30-12:45**
  - Improvement of Human Nutritional Value in B. rapa (Chinese Cabbage) through Molecular Breeding
  - **Yong Pyo Lim, Jana Jeevan Rameneni, Vignesh Dhandapani, Xiaonan Li, Su Ryun Choi**

#### Lunch / Poster Presentations

**12:45-14:00**
### Session 3 Chair: Abdullah Unlu

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
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<tbody>
<tr>
<td>14:00-14:15</td>
<td>Sources of Resistance to Tomato Mosaic virus (ToMV) in Sweet Pepper (<em>Capsicum annuum</em>)</td>
<td>Ching-ching Hsu, Shih-win Lin, Yen-wei Wang, Yuan-li Chan, Li-mei Lee, Lawrence Kenyon, Sanjeet Kumar, Derek W Barchenger</td>
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<tr>
<td>14:15-14:30</td>
<td>Search for Resistance to Tomato Spotted Wilt Virus (TSWV) in pepper (<em>Capsicum annuum</em> L.)</td>
<td>Ibrahim Celik, Ramazan Ozalp, Nejla Celik, Ilknur Polat, Gorkem Sulu</td>
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<td>14:30-14:45</td>
<td>Characterization and Mapping of a Virescent-Yellow Leaf Gene in Cucumber (<em>Cucumis sativus</em> L.)</td>
<td>Qunfeng Lou, Mengfei Song</td>
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<tr>
<td>14:45-15:00</td>
<td>Tolerance and Resistance of Onion to Stem and Bulb Nematode (<em>Ditylenchus dipsaci</em>)</td>
<td>Elif Yavuzaslanoglu</td>
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<td>15:00-15:15</td>
<td>Mapping of Resistance Genes to Races 1, 2 and 5 of <em>Podosphaera xanthii</em> in PMR6 Using RIL Population and Development of New Resistant Melon Varieties in Turkey</td>
<td>Mine Unlu, Abdullah Unlu, Filiz Boyaci, Rana Kurum, Ilknur Polat, Aytul Kitapci, Naci Onus</td>
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### Session 4 Chair: Ahmet Naci Onus

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<th>Time</th>
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<th>Author(s)</th>
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<tbody>
<tr>
<td>16:00-16:15</td>
<td>Effects of Different Rootstocks on Seed Yield and Quality of Seedless Watermelon Grown in Greenhouse</td>
<td>Suhayb Hussein, Nebahat Sari</td>
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<td>16:15-16:30</td>
<td>Evaluation of Heterosis on Yield and Yield Component of Hybrid Bell Pepper (<em>Capsicum annuum</em> L.) in Unheated Greenhouse Condition</td>
<td>Volkan Gozen, Ramazan Ozalp, Ibrahim Celik</td>
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<td>16:30-16:45</td>
<td>Effect of Different Vernalization Duration to Seed Yield in White Head Cabbage</td>
<td>Senay Murat Dogru, Onur Karaagac, Mehtap Ozbakir Ozer, Hayati Kar</td>
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<td>16:45-17:00</td>
<td>Protoplast Regeneration and Asymmetric Fusion within Apiaceae</td>
<td>Silvia Bruznican, Tom Eeckhaut, Johan Van Huylenbroeck, Danny Geelen</td>
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<td>17:00-17:15</td>
<td>Marker-Free Apple Plants Expressed the Supersweet Protein Thaumatin II Gene Driven by Plant Promoter</td>
<td>Vadim Timerbaev, Sergey Dolgov, Tatiana Mi tochkina</td>
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<td>17:15-17:30</td>
<td>Transfer of Rol ABCD Genes in Some Citrus Rootstock through <em>Agrobacterium rhizogenes</em></td>
<td>Dicle Donmez, Ozhan Simsek, Stefano La Malfa, Yesim Yalcin Mendi, Turgut Yesil oglu, Yildiz Aka Karac</td>
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<td>17:30-17:45</td>
<td>Comprehensive Insights on Genes Regulation on Plant Architecture of Lagerstroemia</td>
<td>Yiqian Ju, Yuanjun Ye, Lu Feng, Jiyang Wu, Qixiang Zhang, Huitang Pan</td>
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<td>17:45-18:00</td>
<td>Transformation of Kalanchoe spp. and Oilseed Rape with Individual Genes from <em>Agrobacterium rhizogenes</em></td>
<td>Bruno Trevenzoli Favero, Hanne Bo ge Hansen, Rishan Kupar Rangslang, Ziqi Liu, Josefine, Nymark Hegelund, Renate Müller, Henrik Lütken</td>
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### Coffee Break / Poster Presentations

### Business Meeting