

**Agricultural Genomics 2017: Functional Genomics toward Green
Crops for Sustainable Agriculture**
(October 25-27, 2017, Wuhan)

Scientific Program

Tuesday, Oct 24

14:00-21:00 [Conference Registration](#)

Wednesday, Oct 25

09:00-12:00 [Conference Registration](#)

Opening

14:00-14:20 [Chair: Qifa Zhang](#)

[Remark by](#) President of Huazhong Agricultural University

Introduction of *Nature Genetics*, *Nature Plants*, and *Nature Communications*

[Keynote Presentations](#)

14:20-15:40 14:20 Jiayang Li, Institute of Genetics and Developmental Biology, CAAS, China
15:10 10th Anniversary of the Super Green Rice:
Qifa Zhang, Huazhong Agricultural University, China

15:40-16:00 [Coffee Break and Photograph](#)

[Session I: New Genomic Technologies](#)

16:00-18:00 16:00 Caixia Gao, Institute of Genetics & Developmental Biology, CAS, China
16:30 Neena Mitter, The University of Queensland, Australia
17:00 Yiping Qi, University of Maryland, USA
17:30 Joakim Lundeberg, Royal Institute of Technology, Sweden

18:00-20:00 [Welcome Dinner](#)

Thursday, Oct 26

[\(Continue\) Session I: New Genomic Technologies](#)

08:00-10:00 08:00 Jin Soo Kim, Seoul National University, Korea
08:30 Avraham Levy, Weizmann Institute, Israel
09:00 Nils Stein, Leibniz Institute of Plant Genetics and Crop Plant Research, Germany
09:30 Etienne Bucher, Institut de Recherche en Horticulture et Semences, France

10:00-10:20 [Coffee Break](#)

10:20-12:20 10:20 Bin Han, Institute of Plant Physiology & Ecology, CAS, China
10:50 Scott Jackson, University of Georgia, USA
11:20 Magnus Nordborg, Lund University, Lund, Skåne, Sweden
11:50 Xianlong Zhang, Huazhong Agricultural University, China

12:20-14:00 [Lunch](#)

[Session II: Functional genomics of abiotic stress resistance](#)

14:00-16:00 14:00 Motoaki Seki, RIKEN Center for Sustainable Resource Science, Japan
14:30 Mingliang Xu, China Agricultural University, China

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| | 15:00 | Mark Tester, King Abdullah University of Science and Technology (KAUST), Saudi Arabia |
| | 15:30 | Lizhong Xiong, Huazhong Agricultural University, China |
| 16:00-16:20 | | Coffee Break |
| | | Session III: Functional genomics of nutrient use efficiency |
| 16:20-17:50 | 16:20 | Malcolm Hawkesford, Rothamstead research, UK |
| | 16:50 | Hitoshi Sakakibara, Nagoya University, Japan |
| | 17:20 | Jianfeng Ma, Okyama University, Japan |
| 18:00-19:30 | | Dinner |
| | | Keynote Presentations |
| 19:40-21:20 | 19:40 | Rod Wing, University of Arizona, USA |
| | 20:30 | Sanwen Huang, Chinese Academy of Agricultural Sciences, China |

Friday, Oct 27

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| | | Session IV: Functional genomics of grain yield and quality |
| 08:00-10:00 | 08:00 | John Doebley, University of Wisconsin, USA |
| | 08:30 | Chengcai Chu, Institute of Genetics & Developmental Biology, CAS, China |
| | 09:00 | Sarah Hearne, International Maize and Wheat Improvement Center |
| | 09:30 | Steve (M) Swain, CSIRO, Australia |
| 10:00-10:20 | | Coffee Break |
| | | Session V: Functional genomics of biotic stress resistance |
| 10:20-12:20 | 10:20 | Beat Keller, University of Zurich, Switzerland |
| | 10:50 | Guangcun He, Wuhan University, China |
| | 11:20 | Jacqueline Batley, University of Western Australia, Australia |
| | 11:50 | Zuhua He, Institute of Plant Physiology and Ecology, Shanghai Institutes for Biological Sciences, CAS, China |
| 12:20-14:00 | | Lunch |
| | | Session VI: Tools and platforms for genomic breeding |
| 14:00-16:00 | 14:00 | Jochen Reif, Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Germany |
| | 14:30 | Md Shahidul Islam, Bangladesh Jute Research Institute, Bangladesh |
| | 15:00 | Zhixi Tian, Institute of Genetics & Developmental Biology, CAS, China |
| | 15:30 | Qiang Xu, Huazhong Agricultural University, China |
| 16:00-16:20 | | Coffee Break |
| 16:20-17:50 | 16:20 | Jianbing Yan, Huazhong Agricultural University, China |
| | 16:50 | Rob Martienssen, Cold Spring Harbor Laboratory, USA |
| | 17:20 | David Jackson, Cold Spring Harbor Laboratory, USA |
| | | Closing Ceremony |
| | | Chair: Qifa Zhang |
| 17:50-18:10 | | Qifa Zhang, Huazhong Agricultural University, China |
| | | Catherine Potenski, <i>Nature Genetics</i> , USA |
| | | Jun Lyn, <i>Nature Plants</i> , China |
| | | Pattison Richard, <i>Nature Communications</i> , USA |
| 18:20-19:30 | | Dinner |