Horticulture Research

IHRC 2026

13th International Horticulture Research Conference

Conference Manual

Baoding, China

July 12-16, 2026



Chairs

- Jianjun Zhao, Hebei Agricultural University
- Zong-Ming Cheng, Nanjing Agricultural University

Organizers

- Hebei Agricultural University
- Nanjing Agricultural University
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- Zhejiang University
- Southern University of Science and Technology
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- Institute of Chinese Materia Medica, Shanghai University of Traditional Chinese Medicine
- Taishan Tomato Innovation Research Institute, Shandong Agricultural University
- College of Horticulture, Hebei Agricultural University
- Scientific Research Academy, Hebei Agricultural University
- International Cooperation Office, Hebei Agricultural University
- State Key Laboratory for Crop Stress Resistance and High-Efficiency Production, Northwest A&F University
- Hebei Key Laboratory of Medical Engineering and Integrated Utilization of Saline-Alkali Land, North China University of Science and Technology

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- Xiaoming Song, North China University of Science and Technology
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- Chuanyou Li, Shandong Agricultural University
- Zhaobo Lang, Southern University of Science and Technology
- Kai Shi, Zhejiang University
- Tao Lin, China Agricultural University
- Xiaowu Wang, Institute of Vegetables and Flowers, CAAS
- Lili Huang, Northwest A&F University
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- Wansheng Chen, Shanghai University of Traditional Chinese Medicine
- Zhihua Liao, Southwest University
- Zhengguo Li, Chongqing University
- Yunde Zhao, University of California, San Diego
- Xiaolan Zhang, China Agricultural University
- Xiang Gao, Northeast Normal University
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- Aiping Song, Nanjing Agricultural University

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- Si Mi, Hebei Agricultural University
- Wenchao Zhen, Hebei Agricultural University

Sponsors

2026-7-12		
10:00-20:00	全天报到 Registration	
2026-7-13		
时间/Time	**会议安排/Program Overview**	**会场/Location**
8:20-17:40	开幕式&主论坛 Opening Ceremony & Keynote Talks	Banquet Hall-A
19:30-20:30	《园艺研究》编委研讨会 Editorial Board Meeting of *Horticulture Research*	Banquet Hall-A
2026-7-14		
8:30-12:20	Session 1: 果实与农产品品质调控 Session 1: Quality Regulation of Fruits and Vegetables	Banquet Hall-A
8:30-12:30	Session 2: 组学-园艺植物进化与驯化 Session 2: Omics: Evolution and Domestication of Horticultural Plants	Banquet Hall-B
14:00-18:20	Session 3: 基因编辑及其他新技术新方法 Session 3: Genome Editing and Other Emerging Technologies and Methods	Banquet Hall-A
14:00-18:20	Session 4: 气候变化与非生物胁迫 Session 4: Climate Change and Abiotic Stresses	Banquet Hall-B
2026-7-15		
8:30-12:30	Session 5: 十字花科研究前沿 Session 5: Research Frontiers in Brassicaceae	Banquet Hall-A
8:30-12:30	Session 6: 园艺植物-生物互作机制及绿色调控 Session 6: Mechanisms of Horticultural Plant-Biotic Interactions and Green Control	Banquet Hall-B
14:00-18:00	Session 7: 园艺植物次生代谢 Session 7: Secondary Metabolism in Horticultural Plants	Banquet Hall-A
14:00-18:00	研究生论坛 Graduate Student Forum	Banquet Hall-B
2026-7-16		
8:30-11:40	Session 8: 植物激素与园艺植物 Session 8: Phytohormones and Horticultural Plants	Banquet Hall-A
11:40-12:00	闭幕式暨颁奖典礼 Closing & Awards Ceremony	Banquet Hall-A

2026-7-13 8:20-17:40, Banquet Hall-A			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
Moderator: Mengjun Liu (刘孟军), Hebei Agricultural University			
8:20-8:40	开幕式 Opening Ceremony		
Moderator: Xiaolan Zhang (张小兰), China Agricultural University			
8:40-9:20	Molecular mechanism of male-female interactions to achieve fertilization in Arabidopsis	瞿礼嘉 Lijia Qu	北京大学 Peking University
9:20-10:00	Paradigm shift and game-changing: lessons to learn from fleshy fruit research	Mondher Bouzayen	图卢兹大学 University of Toulouse
10:00-10:40	Molecular Mechanisms of a Single Somatic Cell into a Whole Plant	须健 Jian Xu	荷兰拉德堡德大学/山东农业大学 Radboud University/ Shandong Agricultural University
10:40-11:00	茶歇 Tea Break		
Moderator: Kai Shi (师恺), Zhejiang University			
11:00-11:40	Understanding signaling and chemistry of anti-bacterial immunity	周俭民 Jianmin Zhou	崖州湾国家实验室 Yazhouwan National Laboratory
11:40-12:05	Intelligent Automation in AgTech: Innovations and Industrial Practices in Crop Breeding	张晗 Han Zhang	成都瀚辰光翼科技有限责任公司 HC Scientific (Chengdu) L.L.C.
12:05-12:15	Updates on *Horticulture Research*	程宗明 Zong-Ming Cheng	南京农业大学 Nanjing Agricultural University
12:15-14:00	午餐&休息 Lunch & Break		
Moderator: Yuepeng Han (韩月彭), Wuhan Botanical Garden, CAS			
14:00-14:40	Deciphering the Functional Genome of Chinese Cabbage for Crop Improvement	赵建军 Jianjun Zhao	河北农业大学 Hebei Agricultural University
14:40-15:20	Rational design and robotic production of climate-smart crops	许操 Cao Xu	中国科学院遗传与发育生物学研究所 Institute of Genetics and Developmental Biology, CAS
15:20-16:00	PIN-pointed to a wrong direction? Re-evaluating the regulation of polar auxin transport	赵云德 Yunde Zhao	加州大学圣地亚哥分校 University of California, San Diego
16:00-16:20	茶歇 Tea Break		
Moderator: Fei Chen (陈飞), Hainan University			
16:20-17:00	Mechanisms and applications of the plant wound response	李传友 Chuanyou Li	山东农业大学 Shandong Agricultural University
17:00-17:40	From thorn tip lignification to basal oil glands: molecular pathways shaping citrus defensive architectures	张飞 Fei Zhang	华中农业大学 Huazhong Agricultural University

2026-7-14 8:30-12:20, Banquet Hall-A			
Session 1: 果实与农产品品质调控 Session 1: Quality Regulation of Fruits and Vegetables			
Session Chairs: Yuepeng Han (韩月彭); Xueyong Yang (杨学勇)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
8:30-8:50	Decouple fruit softening and volatile flavor formation via a single transcription factor	刘明春 Mingchun Liu	四川大学 Sichuan University
8:50-9:10	Elucidate citrus flavor via molecular sensory techniques	徐娟 Juan Xu	华中农业大学 Huazhong Agricultural University
9:10-9:30	MdARF16/17 link auxin signaling to Ma1-independent control of vacuolar malate transport in apple	胡大刚 Dagang Hu	山东农业大学 Shandong Agricultural University
9:30-9:50	Molecular Design for Tomato Flavor Improvement	张金喆 Jinzhe Zhang	中国农业科学院蔬菜花卉研究所 Institute of Vegetables and Flowers, CAAS
9:50-10:10	Differential regulatory role of ethylene in floral organs: advances in cucumber and watermelon	李征 Zheng Li	西北农林科技大学 Northwest A&F University
10:10-10:30	茶歇 Tea Break		
10:30-10:40	Detection Methods and Applications of the Plant Hormone Ethylene	陈彦昌 Yanchang Chen	上海泽泉科技股份有限公司 Zealquest Scientific Technology Co.,Ltd.
10:40-11:00	Study on the Mechanism of Selenium Enrichment in the Hyper-selenium-accumulating Vegetable Cardamine violifolia	许锋 Feng Xu	长江大学 Yangtze University
11:00-11:20	The CsGL3-CsERF22-CsTBH-CsMYS1 pathway governs multicellular trichome development from initiation to maturation in cucumber	刘兴旺 Xingwang Liu	中国农业大学 China Agricultural University
11:20-11:40	New Insights into the Asexual Reproduction Mechanism and Molecular Switch in Woodland Strawberry	郭磊 Lei Guo	山东农业大学 Shandong Agricultural University
11:40-12:00	Multi-Omics Decoding of Nanozyme-Alleviated Salt Stress and Nutritional Quality Dynamics in Tomato and Ice Plant	柳海宾 Haibin Liu	华北理工大学 North China University of Science and Technology
12:00-12:20	Carotenoid biosynthesis in peach fruit	曹洪波 Hongbo Cao	河北农业大学 Hebei Agricultural University

2026-7-14 8:30-12:30, Banquet Hall-B			
Session 2: 组学-园艺植物进化与驯化 Session 2: Omics: Evolution and Domestication of Horticultural Plants			
Session Chairs: Xiaoming Song (宋小明); Fei Chen (陈飞)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
8:30-8:50	Exploration of Rose Pan-genome	武志强 Zhiqiang Wu	中国农业科学院农业基因组研究所 Agricultural Genomics Institute at Shenzhen, CAAS
8:50-9:10	FAN-CE: A Platform for Multi-Omics Data Management, Sharing, and Agent Access in Research Groups	郑轶 Yi Zheng	崖州湾国家实验室 Yazhouwan National Laboratory
9:10-9:30	From evolution to function: Discovering disease resistance genes against the Irish potato famine pathogen	李宏博 Hongbo Li	山东农业大学 Shandong Agricultural University
9:30-9:50	Construction of a high-density genetic map of Tree Peony and QTL mapping of important traits, and mining of key candidate genes	王政 Zheng Wang	河南农业大学 Henan Agricultural University
9:50-10:10	Phased Genomic and Epigenomic Landscapes of Hemizygous Genes in Clonally Propagated Crops	彭艳玲 Yanling Peng	中国农业科学院农业基因组研究所 Agricultural Genomics Institute at Shenzhen, CAAS
10:10-10:30	茶歇 Tea Break		
10:30-10:50	Evolutionary and Domestication Omics Facilitate Genomic Design for Breeding in Solanaceae Crops	吴瑶瑶 Yaoyao Wu	南京农业大学 Nanjing Agricultural University
10:50-11:10	Integrative omics decoding of epigenetic regulation in banana fruit chilling injury	吕培涛 Peitao Lü	中国热科院热带生物技术研究所 Institute of Tropical Bioscience and Biotechnology, CATAS
11:10-11:30	Domestication of flowering time and molecular breeding of Brassica rapa crops	苏同兵 Tongbing Su	北京市农林科学院 Beijing Academy of Agriculture and Forestry Sciences
11:30-11:50	Genetics and epigenetics underlie domestication and divergence of Lactuca genus	曹帅 Shuai Cao	西北农林科技大学 Northwest A&F University
11:50-12:10	A versatile platform for exploring the genomics of Cucurbitales	王金朋 Jinpeng Wang	华北理工大学 North China University of Science and Technology
12:10-12:30	Construction and application of kiwifruit pan-genome with its database	岳俊阳 Junyang Yue	安徽农业大学 Anhui Agricultural University

2026-7-14 14:00-18:20, Banquet Hall-A			
Session 3: 基因编辑及其他新技术新方法 Session 3: Genome Editing and Other Emerging Technologies and Methods			
Session Chairs: Chuanyou Li (李传友); Zhaobo Lang (郎嬰博)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
14:00-14:30	PB-Net: A Computational 'Two-Hybrid Screen' for Within-Species and Cross-Species Protein Interaction Discovery	郎嬰博 Zhaobo Lang	南方科技大学 Southern University of Science and Technology
14:30-14:50	CRISPR-Mediated Genetic Improvement in Tomato: Functional Dissection of SlBAS in Fruit Quality Regulation and Molecular Breeding	张玉芹 Yuqin Zhang	中国科学院大学 University of Chinese Academy of Sciences
14:50-15:10	Identification of Aphid-Resistant Substances and Mechanism Elucidation in Cucumber	杨晓东 Xiaodong Yang	扬州大学 Yangzhou University
15:10-15:30	MS Imaging-Based Metabolomics and Multi-Omics Integration: From Method Development to Application	刘佳 Jia Liu	中国科学院上海药物研究所 Shanghai Institute of Materia Medica, CAS
15:30-15:50	Cellular Biological Mechanisms of Postharvest Texture Deterioration in Loquat Fruit and Development of Preservation Technologies	吴迪 Di Wu	浙江大学 Zhejiang University
15:50-16:10	茶歇 Tea Break		
16:10-16:20	The Principle of BMKMANU S Spatial Transcriptome Chip Technology and Its Application in Plants	刘敏 Min Liu	青岛百创智能制造技术有限公司 Qingdao Baichuang Intelligent Manufacturing Technology Co., LTD
16:20-16:40	Epigenetic Factors Mediating the Formation of Tomato Flavor Compounds	牛庆丰 Qingfeng Niu	安徽农业大学 Anhui Agricultural University
16:40-17:00	Plant Genome Editing: From Transgene to Transgene-free	和玉兵 Yubing He	中国农科院作物科学研究所 Institute of Crop Sciences, CAAS
17:00-17:20	In Vivo and In Vitro Genetic Transformation System In Jujube	王立新 Lixin Wang	河北农业大学 Hebei Agricultural University
17:20-17:40	CRISPR-Act-mediated activation of theanine biosynthesis in tea plants	黄建燕 Jianyan Huang	中国农业科学院茶叶研究所 Tea Research Institute, CAAS
17:40-18:00	An optimized haploid breeding strategy employing genome-edited anthocyanin markers for visual selection in tomato	杜敏敏 Minmin Du	中国农业大学 China Agricultural University
18:00-18:20	Cloning and Functional Analysis of LPR1 Involved in Low-Phosphate Tolerance in Tomato	陈谦 Qian Chen	北京农学院 Beijing University of Agriculture

2026-7-14 14:00-18:20, Banquet Hall-B			
Session 4: 气候变化与非生物胁迫 Session 4: Climate Change and Abiotic Stresses			
Session Chairs: Kai Shi (师恺); Tao Lin (林涛)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
14:00-14:30	Exploration of Wild Grape Resources and Breeding of Cold-Resistant Varieties	梁振昌 Zhenchang Liang	中国科学院植物研究所 Institute of Botany, CAS
14:30-14:50	Integrated regulation of plant growth and chilling tolerance by brassinosteroid signaling in tomato	夏晓剑 Xiaojian Xia	浙江大学 Zhejiang University
14:50-15:10	IDM complex-mediated DNA demethylation in low-temperature-induced rose floral homeosis	周晓锋 Xiaofeng Zhou	中国农业大学 China Agricultural University
15:10-15:30	Climate Change and the Sustainable Development of the Tea Industry	李鑫 Xin Li	中国农业科学院茶叶研究所 Tea Research Institute, CAAS
15:30-15:50	Molecular Mechanisms of Tomato Adaptation to Acid Soil Aluminum Toxicity	张娜 Na Zhang	中国农业大学 China Agricultural University
15:50-16:10	茶歇 Tea Break		
16:10-16:40	Chromosome-scale genome illuminates how DRE motif of FLC promoter mediates bud dormancy and flowering in oil camellias	张琳 Lin Zhang	中南林业科技大学 Central South University of Forestry and Technology
16:40-17:00	The crosstalk between drought sensing and tomato fruit ripening	祝英方 Yingfang Zhu	河南大学 Henan University
17:00-17:20	CtrNPF2.1 furthers to chloride salt tolerance and nitrogen use efficiency in citrus	李春龙 Chunlong Li	华中农业大学 Huazhong Agricultural University
17:20-17:40	Role of Ferroptosis-like Process in Regulating Carotenoid Accumulation in Tomato Fruits	刘丽红 Lihong Liu	浙江大学 Zhejiang University
17:40-18:00	Advances in Application of Non-destructive Sensing Technology for Vegetable Phenotypic Information Under Abiotic Stress	吴龙国 Longguo Wu	宁夏大学 Ningxia University
18:00-18:20	MdKIN10-mediated phosphorylation of MdMIEL1 leads to its autophagic degradation under cold stress	谢银鹏 Yinpeng Xie	西北农林科技大学 Northwest A&F University

2026-7-15 8:30-12:30, Banquet Hall-A			
Session 5: 十字花科研究前沿 Session 5: Research Frontiers in Brassicaceae			
Session Chairs: Xiaowu Wang (王晓武); Jianjun Zhao (赵建军)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
8:30-9:00	Molecular regulatory mechanism of the two fertilization events participating in fertilization recovery in angiosperms	钟声 Sheng Zhong	北京大学 Peking University
9:00-9:20	Fertility-restoration of Ogura cytoplasmic male sterility (CMS) in cabbage	张扬勇 Yangyong Zhang	中国农业科学院油料作物研究所 Oil Crops Research Institute, CAAS
9:20-9:40	One-step creation of CMS lines using a BoCENH3-based haploid induction system in Brassica crop	李占省 Zhansheng Li	中国农业科学院蔬菜花卉研究所 Institute of Vegetables and Flowers, CAAS
9:40-10:00	Origin and evolution of the haplotype-resolved allotetraploid Asian horseradish genome	杨景华 Jinghua Yang	浙江大学 Zhejiang University
10:00-10:20	Decoding the SIPS-SRK-Mediated Interspecific Barrier in Brassicaceae	曹芸运 Yunyun Cao	山东农业大学 Shandong Agricultural University
10:20-10:40	茶歇 Tea Break		
10:40-10:50	Advances in Hybrid Progeny Identification and Ploidy Breeding Detection Techniques	郭强 Qiang Guo	金迪智远生物科技(北京)有限公司 GoldenFCM Biotechnology Beijing
10:50-11:10	Ascorbic acid biosynthesis and metabolism in non-heading Chinese cabbage (Brassica rapa ssp. chinensis)	李英 Ying Li	南京农业大学 Nanjing Agricultural University
11:10-11:30	Insights into karyotype evolution and flower color variation from the genome assembly of wallflower (Erysimum cheiri)	陈道宗 Daozong Chen	赣南师范大学 Gannan Normal University
11:30-11:50	Integrating Multi-Omics and Gene Editing to Dissect Complex Traits and Create Innovative Germplasm in Brassica napus	张园园 Yuanyuan Zhang	中国农业科学院油料作物研究所 Oil Crops Research Institute, CAAS
11:50-12:10	Gene Cloning and Molecular Mechanisms Underlying Leaf Color and Heading in Brassica juncea	余长春 Changchun Yu	华中农业大学 Huazhong Agricultural University
12:10-12:30	The mechanism of systemic transport of mRNAs and its application in genetic improvement of Chinese cabbage	杨磊 Lei Yang	河北农业大学 Hebei Agricultural University

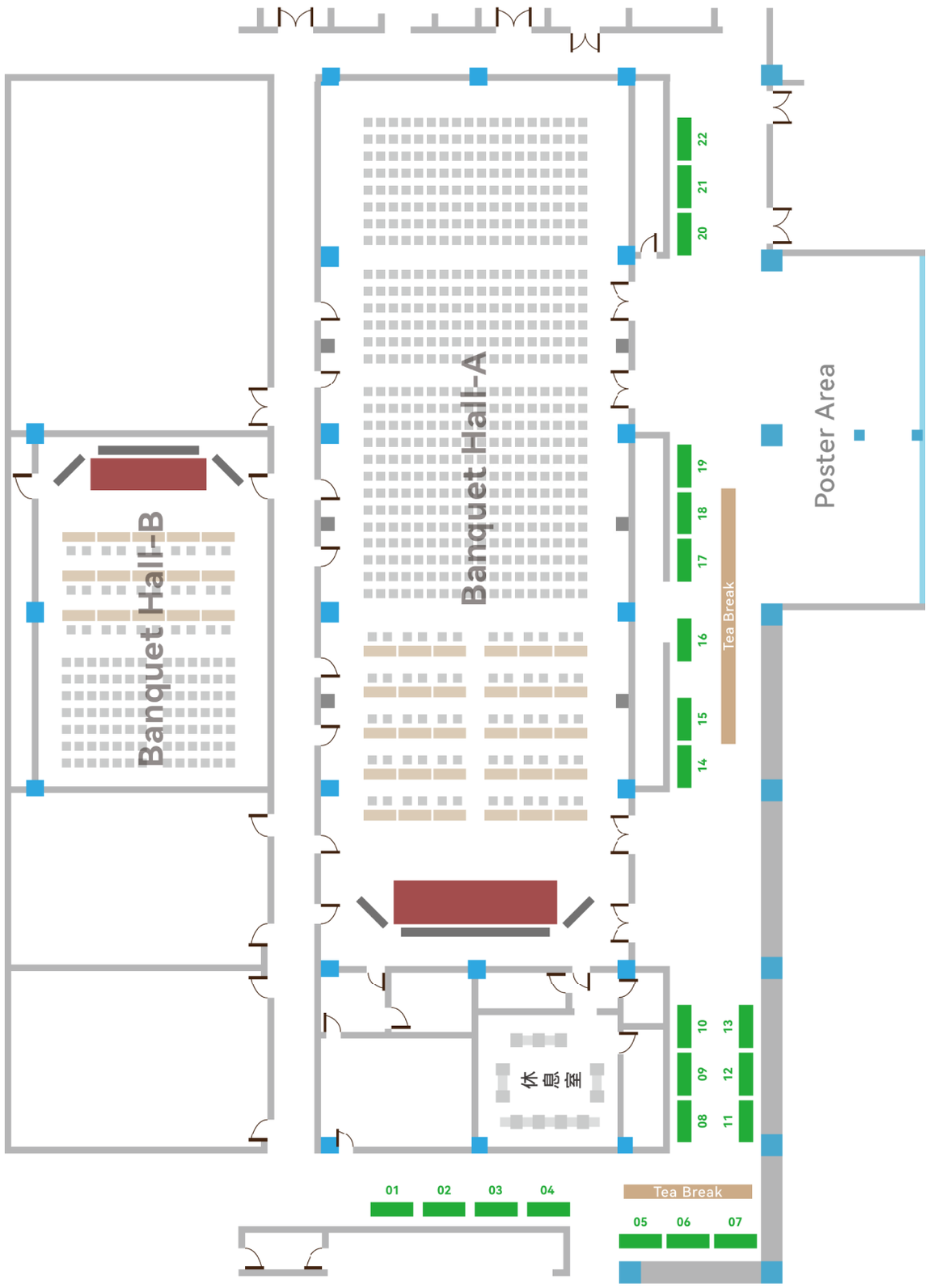
2026-7-15 8:30-12:30, Banquet Hall-B			
Session 6: 园艺植物-生物互作机制及绿色调控 Session 6: Mechanisms of Horticultural Plant-Biotic Interactions and Green Control			
Session Chairs: Lili Huang (黄丽丽); Jie Zhou (周杰)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
8:30-8:50	Virulence mechanism and green control of Pseudomonas syringae	邓新 Xin Deng	香港城市大学 City University of Hong Kong
8:50-9:10	Identification of Brassica germplasm resources resistant to diamondback moth	郭兆将 Zhaojiang Guo	中国农业科学院蔬菜花卉研究所 Institute of Vegetables and Flowers, CAAS
9:10-9:30	Mechanism of Apple-Valsa canker Interaction and Utilization of Disease Resistance	黄丽丽 Lili Huang	西北农林科技大学 Northwest A&F University
9:30-9:50	Tomato sucrose transporter 2 facilitates Pseudomonas syringae proliferation via sugar efflux and repressing salicylic acid biosynthesis	包志龙 Zhilong Bao	山东农业大学 Shandong Agricultural University
9:50-10:10	Sugar Competition Between Tomato and Root-Knot Nematodes	赵文超 Wenchao Zhao	北京农学院 Beijing University of Agriculture
10:10-10:30	茶歇 Tea Break		
10:30-10:50	Mechanisms of jasmonic acid biosynthesis, transport, and signaling regulation in tomato resistance to root-knot nematodes	周杰 Jie Zhou	浙江大学 Zhejiang University
10:50-11:10	The glycosylated root-knot nematode effector Minc10750 suppresses plant immunity by destabilizing host chitinases	赵建龙 Jianlong Zhao	中国农业科学院蔬菜花卉研究所 Institute of Vegetables and Flowers, CAAS
11:10-11:30	Mapping and Functional Analysis of the Citrus Canker-resistant NLR Pair ‘CmTIR1-CmDSC1’ in Citron	马先锋 Xianfeng Ma	湖南农业大学 Hunan Agricultural University
11:30-11:50	Modulation of the Lipase-like Immune Receptors by Mediator Controls Plant Immunity	陈焕 Huan Chen	上海交通大学 Shanghai Jiao Tong University
11:50-12:10	The Common and Uncommon Aspects of Virus-Induced Drought Tolerance: Insights from Common Bean	吴昕扬 Xinyang Wu	中国计量大学 China Jiliang University
12:10-12:30	A Phytophthora infestans RXLR effector subverts host nucleocytoplasmic transport for immune suppression	林啸 Xiao Lin	中国科学院微生物研究所 Institute of Microbiology, CAS

2026-7-15 14:00-18:00, Banquet Hall-A			
Session 7: 园艺植物次生代谢 Session 7: Secondary Metabolism in Horticultural Plants			
Session Chairs: Wansheng Chen (陈万生); Zhihua Liao (廖志华)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
14:00-14:20	Dissecting Metabolic Networks of Horticultural Plant Chassis for High-Value Secondary Metabolite Production	张阳 Yang Zhang	四川大学 Sichuan University
14:20-14:40	Quality Evaluation through Morphological Identification for Chinese Medicinal Materials	郑汉 Han Zheng	中国中医科学院 China Academy of Chinese Medical Sciences
14:40-15:00	Chemical imaging reveals diverse functions of small molecules in plant root growth and development	张涛 Tao Zhang	扬州大学 Yangzhou University
15:00-15:20	Unlocking the Potential of Plant Specialized Biosynthesis: Enhancing Nutritional Quality and Stress Resilience in Tomato	沈乾 Qian Shen	上海交通大学 Shanghai Jiao Tong University
15:20-15:40	Phytophthora Disrupts Plant Immunity by Manipulating Nitric Oxide Homeostasis through GSNOR Inhibition	杜羽 Yu Du	西北农林科技大学 Northwest A&F University
15:40-16:00	茶歇 Tea Break		
16:00-16:20	Intracellular theanine transport in tea plants	张照亮 Zhaoliang Zhang	安徽农业大学 Anhui Agricultural University
16:20-16:40	The Red and Blue from Plant Secondary Metabolism: Biosynthesis and Regulatory Mechanisms of Tanshinone and Indigo	肖莹 Ying Xiao	上海中医药大学 Shanghai University of Traditional Chinese Medicine
16:40-17:00	Gene Cluster-Driven Structural Diversity of Menthane-Type Monoterpenes in Lamiaceae Medicinal Plants	刘潺潺 Chanchan Liu	南京中医药大学 Nanjing University of Chinese Medicine
17:00-17:20	The coordinated interaction or regulation between anthocyanins and volatile terpenes in Freesia hybrida	李月庆 Yueqing Li	东北师范大学 Northeast Normal University
17:20-17:40	Natural Agrobacterium transformation in tea, kaki and walnut	陈可 Ke Chen	上海辰山植物园 Shanghai Chenshan Botanical Garden
17:40-18:00	Gene flow from the European wild apple and selection shaped the domesticated apple genome	陈锡龙 Xilong Chen	西北农林科技大学 Northwest A&F University

2026-7-16 8:30-12:00, Banquet Hall-A			
Session 8: 植物激素与园艺植物 Session 8: Phytohormones and Horticultural Plants			
Session Chairs: Zhengguo Li (李正国); Yunde Zhao (赵云德)			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
8:30-9:00	Molecular mechanism of flower and fruit development in cucumber	张小兰 Xiaolan Zhang	中国农业大学 China Agricultural University
9:00-9:20	The Roles of Plant Hormone-like Volatiles in Tea Plants under Cold Stress	宋传奎 Chuankui Song	安徽农业大学 Anhui Agricultural University
9:20-9:40	SlIDL6 Peptide Hormone-Mediated Redox Signaling in Tomato Pedicel Abscission	许涛 Tao Xu	沈阳农业大学 Shenyang Agricultural University
9:40-10:00	The transcription factors RIN and NOR have both redundant and specific roles in the initiation and progression of fruit ripening	高颖 Ying Gao	重庆大学 Chongqing University
10:00-10:20	茶歇 Tea Break		
10:20-10:40	An auxin-induced transcriptional cascade CmBES1–CmSAUR66 orchestrates the ray floret development in Chrysanthemum morifolium	丁莲 Lian Ding	南京农业大学 Nanjing Agricultural University
10:40-11:00	Mechanistic Insights into Jasmonic Acid–mediated Modulation of Strawberry Susceptibility to Anthracnose	李冰冰 Bingbing Li	中国农业大学 China Agricultural University
11:00-11:20	Discovery of a noncanonical quasi-circadian gene regulatory network in postharvest strawberry fruits	王姝瑜 Shuyu Wang	北京大学 Peking University
11:20-11:40	Molecular Mechanism of Tomato Transcription Factors SlDof3 and SlDof8 Regulating Fruit Shelf Life by Modulating Sugar Accumulation and Ethylene Biosynthesis	刘佳 Jia Liu	中国科学院大学 University of Chinese Academy of Sciences
11:40-12:00	闭幕式暨颁奖典礼 Closing & Awards Ceremony		

2026-7-15 14:00-18:00, Banquet Hall-B			
研究生论坛 Graduate Student Forum			
Moderator: Xingwang Liu (刘兴旺), China Agricultural University			
时间/Time	题目/Title	报告人/Speaker	单位/Organization
14:00-14:10	S-Nitrosylation of GSNOR and LCD integrates NO and H2S signaling to regulate cadmium-induced programmed cell death in tomato	黄登婧 Dengjing Huang	甘肃农业大学 Gansu Agricultural University
14:10-14:20	Evolutionary analysis of ascorbate-glutathione cycle genes across green plants with lineage-specific profiling in grapevine (Vitis vinifera L.)	梁健翔 Jianxiang Liang	上海交通大学 Shanghai Jiao Tong University
14:20-14:30	FlowerBase: An Integrated Multi-Omics Database for Ornamental Flowering Plants	王冲 Chong Wang	海南大学 Hainan University
14:30-14:40	A drought-responsive cascade of dual regulatory mechanisms driving wax accumulation in kale	李亚殊 Yashu Li	沈阳农业大学 Shenyang Agricultural University
14:40-14:50	Smart horticulture era: advances in hyperspectral imaging for intelligent non-destructive quality assessment of fruits and vegetables	朱德敏 Demin Zhu	宁夏大学 Ningxia University
14:50-15:00	Kiwifruit Genomics and Applications: Recent Advances, Current Challenges, and Future Prospects	Malik Umair Faiz	安徽农业大学 Anhui Agricultural University
15:00-15:10	Epigenetic and Regulatory Mechanisms Underlying Purple Leaf Formation in Prunus mume 'Meiren'	李子葳 Ziwei Li	北京林业大学 Beijing Forestry University
15:10-15:20	An efficient fruit-derived callus functional genomics platform for Siraitia grosvenorii: Uncovering the SgWRKY50-SgVQ26 regulatory module controlling mogroside V biosynthesis	穆德添 Detian Mu	湖南农业大学 Hunan Agricultural University
15:20-15:30	CsWRKY40–CsRAV1 module integrates auxin and brassinosteroid signaling to cooperatively regulate EGCG biosynthesis in tea plants (Camellia sinensis L.)	陀燕铭 Yanming Tuo	福建农林大学 Fujian Agriculture and Forestry University
15:30-15:40	Study on polysaccharide accumulation and transcriptome of Lycium barbarum in response to salt stress	寇莉蓉 Lirong Kou	宁夏大学 Ningxia University
15:40-16:00	茶歇 Tea Break		

Moderator: Yang Li (李洋), Shandong Agricultural University			
16:00-16:10	LvMYC2 integrates light, jasmonate, and ethylene signaling to regulate anthocyanin synthesis in 'Viviana' lily tepals	陈宜君 Yijun Chen	沈阳农业大学 Shenyang Agricultural University
16:10-16:20	Exogenous Indole-3-Acetic Acid and trans-Zeatin Riboside Synergistically Induced CsHD-ZIP35 and CsMYB125 to Promote Biosynthesis of Epigallocatechin Gallate in Tea Plants (Camellia sinensis)	胡雲飞 Yunfei Hu	福建农林大学 Fujian Agriculture and Forestry University
16:20-16:30	Engineering xanthophyll esterification: LbXES2 mediates zeaxanthin dipalmitate biosynthesis and remodels fruit flavor metabolism	张虹 Hong Zhang	上海交通大学 Shanghai Jiao Tong University
16:30-16:40	Taurine Accumulation and Transcriptome Analysis in Lycium barbarum L. Fruits under Alkaline Stress	王文秀 Wenxiu Wang	宁夏大学 Ningxia University
16:40-16:50	SPL family gene variation, vernalization-related candidates, and integrated evidence candidates across 27 cabbage genomes	张肖健 Xiaojian Zhang	中国农业科学院蔬菜花卉研究所 Institute of Vegetables and Flowers, CAAS
16:50-17:00	BnaA9.ERF35 positively regulates seed size by orchestrating auxin and brassinosteroid in rapeseed	梁宝玲 Baoling Liang	华中农业大学 Huazhong Agricultural University
17:00-17:10	Genome-wide identification of WRKY transcription factors in Siraitia grosvenorii reveals SgWRKY11 as a positive regulator of jasmonate-mediated cold tolerance	邵瑛瑛 Yingying Shao	湖南农业大学 Hunan Agricultural University
17:10-17:20	Mechanism of melatonin alleviating chilling injury via regulating ethylene metabolism in Hami melon fruit	王晓兵 Xiaobing Wang	新疆农业大学 Xinjiang Agricultural University
17:20-17:30	Study on Texture Deterioration Mechanism of Ningxia Wolfberry Fruit under Low-temperature Storage with Different Preservatives	周甜甜 Tiantian Zhou	宁夏大学 Ningxia University
17:30-17:40	Integrated physiological and transcriptomic analysis of wax gourd (Benincasa hispida) in response to different nitrogen levels	徐春燕 Chunyan Xu	河南农业大学 Henan Agricultural University
17:40-17:50	Revealing the Spatiotemporal Dynamics of Subcellular POD Activity in Tomato under Salt Stress by Explainable Micro-Hyperspectral Imaging and Deep Learning	张洛桐 Luotong Zhang	宁夏大学 Ningxia University
17:50-18:00	Epigenetic Regulation of Histone Acetylation by Pichia caribbica Against Blackhead Disease in Korla Fragrant Pear	陈海欣 Haixin Chen	新疆农业大学 Xinjiang Agricultural University


Banquet Hall-A
Banquet Hall-B
Poster Area
Tea Break
Tea Break
休息室
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