北京林木分子设计育种高精尖创新中心
Beijing Advanced Innovation Center for Tree Breeding by Molecular Design

“林木分子设计育种”博士后学术论坛日程

2021 年 1 月 17 日 腾讯会议号：979 172 121	2021 年 1 月 18 日 腾讯会议号：724 231 962

开幕式 主持人：姜金璞	
1 月 17 日 8:00-8:20	1、高精尖创新中心主任、北京林业大学校长安黎哲致辞 2、高精尖创新中心副主任张志强介绍论坛与考核要求

1 月 17 日上午 主持人：李晓娟

序号	报告时段	主讲人	报告题目
1	8:20-8:40	李赟	杜仲单倍体全基因组分析为进化及橡胶合成提供新的见解 The genome analysis of *Eucommia ulmoides haploid* provides new insights into evolution and rubber synthesis
2	8:40-9:00	武文琦	Growth‐RegulatingFactor5(GRF5)调控杨树叶片扩展和光合作用的机制研究 Growth‐Regulating Factor 5 (GRF5) regulates leaf expansion and photosynthesis in poplar
3	9:00-9:20	郭鹏茹	一类新型转录抑制因子负调控植物表皮及角质层发育的分子机制研究 A novel class of transcriptional repressors negatively regulate epidermis and cuticle development in plant
4	9:20-9:40	崔莹	1. 针叶树多靶点基因编辑体系的建立 1. Development of an efficient multisites genome editing system in confiner 2. 通过冷驯化白云杉未成熟体细胞胚胎实现超低温保存白云杉胚性细胞系的研究 2. Exploring mechanisms for cryopreservation of embryogenic tissue through cold acclimation of immature somatic embryos in *Picea glauca*

5	9:40-10:00	王厚领	可变剪切调控毛白杨秋季叶片衰老 Alternative splicing in regulating autumn leaf senescence in *Populus tomentosa*
6	10:00-10:20	张易	生物胁迫调控拟南芥叶片衰老的分子机制 Molecular mechanism of biotic stress in regulating leaf senescence in Arabidopsis
7	10:20-10:40	王树芳	F5H 木质素修饰产生的细胞壁衍生信号激活植物病害防御反应 Cell wall-derived signals produced by F5H lignin modification for activation of plant defense response
8	10:40-11:00	祝蕾	行道树杜英的基因组组装 Chromosome-level assembly of the street tree *Elaeocarpusdecipiens*
9	11:00-11:20	连娜	钙离子结合蛋白 MDP25 参与杨树响应盐胁迫的机制研究 PtrMDP25, a calcium regulatory protein, regulate salt tolerance in Populus trichocarpa
10	11:20-11:40	李江	miR156/172 模块与油松营养生长时相转变的关系 Role of miR156/172 module in vegetative phase change of Pinus tabuliformis
11	11:40-12:00	赵瑞瑞	油菜素内酯调控杂交枫香体细胞胚胎发生的分子机制 Molecular mechanism of brassinosteroids regulating somatic embryogenesis in hybrid sweetgum (Liquidambar styraciflua × Liquidambar formosana)
12	12:00-12:20	聂海珍	枣疯植原体效应子组研究 Effectoromics analysis of the bacterial pathogen causing jujube witches'-broom disease

1 月 17 日下午 主持人：陆海

13	13:30-13:50	牛丽丽	木豆黄酮类代谢产物调控机制与抗旱性分析 Regulation mechanism and drought resistance of flavonoid in pigeon pea
14	13:50-14:10	于大德	干旱胁迫下脱落酸调控木材形成的分子机制 Abscisic acid mediates poplar wood adaptation to drought stress
15	14:10-14:30	张贵芳	杨树器官从头再生的分子机制 The molecular mechanism of *de novo* organogenesis in Poplar.
16	14:30-14:50	曾庆超	云南重要林木土壤微生物群落结构分析 The analysis of soil microbial community structure for important tree species in Yunnan province

17	14:50-15:10	陈为凯	基于互作转录组的枣疯病致病机理研究 The study of pathogenicity mechanisms of jujube witches'-broom disease based on dual transcriptome analysis
18	15:10-15:30	Sudhakar Srivastava	Identification and elucidation of the epitranscriptome marks and the associating partners in Populus
19	15:30-15:50	Saurabh Prakash Pandey	Functional Characterization of MRF1 in Flowering and Plant Development
20	15:50-16:10	Muhammad Khalil Ur Rehman	effect of different temperature stresses on chinese pine as revealed by transcriptomic analysis
21	16:10-16:30	Pawan Kumar Jewaria	Molecular Mechanism of Apical Hook Development in Arabidopsis thaliana
22	16:30-16:50	Bibek Aryal	Understanding the role of xyloglucan in differential growth during apical hook development in Arabidopsis and in trees
23	16:50-17:10	赵伟	演化历史及地理景观对高山松空间遗传结构和生态适应性的影响 Effects of landscapes and range expansion on population structure and local adaptation
24	17:10-17:30	Annie Lebreton	Genomic features associated to lifestyle and host-specificity in forest mushrooms

1 月 18 日上午 主持人：李云

1	8:00-8:20	张昊琳	板栗外生菌根根尖分生组织修饰发育的分子机理研究 The molecular mechanism of root apical meristem modification and development in Castanea mollissima ectomycorrhizal root
2	8:20-8:40	李永红	杨树 HMR 蛋白的特性及功能 Characterization and Function of the HMR Protein in Populus
3	8:40-9:00	李茜	根际促生假单胞菌 CM11 调控植物根系发育的分子机制 Molecular mechanisms of Pseudomonas CM11 regulates root development
4	9:00-9:20	屈霄霄	核-质双向定位蛋白参与杨树秋季信号应答的分子机制研究 Mechanism of nucleus-to-plastid proteins involved in autumn signal response in poplar

5	9:20-9:40	郝素晓	MYB 转录因子对苹果的温度响应调控机制分析 Regulation mechanism of MYB transcription factor in response to temperature in apple
6	9:40-10:00	Tariq Pervaiz	The transcriptional landscape and hub genes associated with physiological and drought response in pinus tabuliformis and Overexpression of ABA signalling gene NCED3 against Drought
7	10:00-10:20	吉骊	木质纤维素生物质细胞壁的全组分分离及利用 Separation and utilization of all-components for lignocellulose biomass
8	10:20-10:40	张秀秀	囊泡运输对细胞壁形成和病原体防御的贡献 Contribution of vesicle trafficking to cell wall biogenesis and pathogen defense
9	10:40-11:00	曾丽萍	T6P/TPS1 通路新基因鉴定和功能解析 The identification and functional study of new genes involving in T6P/TPS1 pathway
10	11:00-11:20	张谖	植物木质素与黄酮类成分协同代谢调控机制 Cooperative Regulation of Flavonoid and Lignin Biosynthesis in Plants
11	11:20-11:40	高英	1. 甲基化胞嘧啶对白云杉体胚发育初期的调控机制研究 1. Regulation mechanism of methylated cytosine on early somatic embryo development of Picea glauca 2. 黄杉体胚发育体系的优化 2. Optimization of somatic embryo development system of Pseudotsuga sinensis
12	11:40-12:00	于可济	缩合单宁(+)-儿茶素型组成单元流向调控与转运机制的研究 Mechanism for flux regulation and transport of (+)-catechin-type subunits of condensed tannin
13	12:00-12:20	黄培鑫	新蛋白家族 NEP 蛋白对植物叶片和根系发育调控的机制研究及叶片衰老调控新组分的筛选 Study of the novel NEP protein family’s regulatory mechanism in plant leaf and root development, and screen of new components of leaf senescence regulation