

April 24 (Wed.)

파이토바이옴 데이터 분석의 실제: 서열분석에서 다양성 및 생태적 분석까지

13:30~14:00	등록
14:00~15:00	QIIME2를 활용한 군집 sequencing data 분석 이승엽 (국립농업과학원)
15:10~16:10	R을 이용한 군집 다양성 분석 이동민 (동아대학교)
16:20~17:20	R을 이용한 community assembly의 생태학적 분석 및 해석 김현 (서울대학교)

April 25 (Thu.)

09:30~11:00	Registration and Poster Posting
10:20~11:00	평의원회
11:00~11:20	Opening Ceremony
Plenary Lecture I	
<i>Chair. Junhyun Jeon (Yeungnam University)</i>	
11:20~11:50	Transcription factors involved in rice resistance to pathogens <i>JongSeong Jeon (Kyung Hee University)</i>
11:50~13:20	Break
Session 1. Biological & Chemical Control	
<i>Chair. Hyunkyu Sang (Chonnam National University)</i>	
13:20~13:40	S1-01. Plant response to pesticide spraying: Metabolomic approach <i>Ji-Ho Lee (Konkuk University)</i>
13:40~13:55	S1-02. Fungicide resistance and chemical control of <i>Botrytis cinerea</i> from strawberry <i>Doeun Son (Chonnam National University)</i>
13:55~14:10	S1-03. Characterization of two novel virulent <i>Erwinia amylovora</i> -specific phages and evaluation of their potential as biocontrol agents <i>Hyeongsoon Kim (Seoul National University)</i>
14:10~14:20	S1-04. Application of synthetic microbial community for apple fire blight suppression <i>Yejin Lee (Gyeongsang National University)</i>
14:20~14:50	Break

April 25 (Thu.)

Session 2. Disease Diagnosis & Field Research

Chair. Seung Yeol Lee (Kyungpook National University)

14:50~15:10	S2-01. Occurrence and management of viral infections in tropical and subtropical crops in Korea <i>Mikyeong Kim (Chungbuk National University)</i>
15:10~15:25	S2-02. Understanding and Addressing Viral Threats to Soybean Cultivation in South Korea: A Focus on SMV and SYMMV <i>Sangmin Bak (Kyungpook National University)</i>
15:25~15:40	S2-03. Apple bitter rot outbreak: Understanding various <i>Colletotrichum</i> species and fungicide resistance <i>Jungyeon Kim (Andong National University)</i>
15:40~15:50	S2-04. Multiplex TaqMan probe qPCR assays for detection and discrimination of sclerotia-forming plant pathogens <i>Dongjae Lee (Kunsan National University)</i>
15:50~16:00	S2-05. Development of duplex RT-RPA assay for simultaneous detection of <i>chrysanthemum stunt viroid</i> and <i>chrysanthemum chlorotic mottle viroid</i> in chrysanthemum <i>Subin Lee (Jeonbuk National University)</i>
16:00~16:20	Break
Session 3. Selection and application of Korean reference strains of plant pathogenic fungi	
<i>Chair. Heung Tae Kim (Chungbuk National University)</i>	
16:20~16:35	S3-01. Selection and provision of Korean reference strains in Korean Agricultural Culture Collection (KACC) <i>Seung-Beom Hong (National Institute of Agricultural Sciences)</i>
16:35~16:50	S3-02. Selection and application of Korean reference strains of plant pathogenic fungi <i>Heung Tae Kim (Chungbuk National University)</i>
16:50~17:05	S3-03. Selection and application of Korean reference strains of plant pathogenic Oomycota <i>Young-Joon Choi (Kunsan National University)</i>
17:05~18:20	Poster Presentation
18:20~18:40	총회
18:40~20:00	Welcome Reception

April 26 (Fri.)

Plenary Lecture II

Chair. Jun Myoung Yu (Chungnam National University)

09:00~09:30 **Safety of burial control and partial removal control of fire blight disease**
Seong Hwan Kim (Dankook University)

09:30~09:50 **Break**

Session 4. Molecular Plant Pathology

Chair. Hokyung Son (Seoul National University)

09:50~10:10 **S4-01. Study on changes in tomato rhizosphere microbiome by puddy-upland rotation**
Hyun Gi Kong (Chungbuk National University)

10:10~10:25 **S4-02. Interaction between two transcription factors MYB1 and SHE1 for defense signaling in plant**
Eseul Baek (Jeonbuk National University)

10:25~10:40 **S4-03. The oomycete effector AVRblb2 targets cyclic nucleotide-gated channels through calcium sensors to suppress pattern-triggered immunity**
Soeui Lee (Seoul National University)

10:40~10:55 **S4-04. Different molecular pathogenicity of two *tomato leaf curl new delhi virus* isolated from mediterranean and Asia region**
Vo Thi Bich Thuy (Sungkyunkwan University)

10:55~11:10 **S4-05. ChpGcc, a putative apoplastic effector of *Clavibacter capsici* critical required for both hypersensitive response and virulence in plants**
Eom-Ji Oh (Seoul National University)

11:10~11:25 **S4-06. Identification of rice blast race diversity and representative isolates in Korean isolates from 2020 to 2022**
Zhao Dandan (National Institute of Crop Science)

11:25~11:40 **S4-07. A systematic approach to the protein glycosylation process in the plant pathogenic fungus *Fusarium graminearum***
Hee Ji Moon (Seoul National University)

11:40~12:10 **Break**

Plenary Lecture III

Chair. Ju Yeon Yoon (Jeonbuk National University)

12:10~12:40 **Comprehensive understanding of the regulatory mechanisms underlying mating and sexual development in homothallic ascomycetes: from a physical cue to gene regulation**
Sung Hwan Yun (Soonchunhyang University)

12:40~13:00 **Poster Awards & Closing Ceremony**