

日本細菌学会
会員各位

日頃より、会員の皆様にはお世話になっております。

第 15 回日韓国際微生物学会を下記の日程で行うことが決まりました。
新型コロナウイルス感染症の状況もあり、開催直前のご案内であることをご了承ください。
詳細については添付資料をご覧ください。

開催日時

2022 年 10 月 13 日 (木) 17:30- : Welcome reception

10 月 14 日 (金) 9:00 – 17:40 : The 15th Korea-Japan Symposium on Microbiology

開催場所 :

The Ocean Convention Center, Yeosu (ヨス) , Korea

- The ocean resort – The Ocean Convention Hotel-

(59670) 295, Soho-ro, Yeosu-si, Jeollanam-do, Korea

TEL: +82-61-689-0804, <https://www.theoceanresort.co.kr>

参加申し込み方法 :

学会事務局で取りまとめて、申し込むことになっております。

参加者氏名、所属、ポスター発表 (14 日) の有無についてご連絡ください。

* 口演者は既に決まっておりますので、ポスター発表のみを受け付けます。ポスター発表者には追って、事務局から詳細について連絡しますが、abstract を作成しておいて頂くようお願いいたします。(フォーマットはお任せします。)

ヨスでの学会場の宿泊 (3 泊まで) は事務局の方で取りまとめますが、その他の宿泊や交通手段は各自でご準備頂くことになります。

申し込み期限 : 9 月 26 日 (月) 17 時

ご不明な点等ありましたら、事務局までメールでお問い合わせください。

gakkai23@kokuhoken.or.jp

The 15th Korea-Japan International Symposium on Microbiology

The 15th Korea-Japan International Symposium on Microbiology will be held on October 14, 2022 in Yeosu, Jeollanam-do, Korea, and will be held concurrently with the 142nd Korean Society of Microbiology Fall Conference (October 13-14). In this symposium, sessions will be composed of the topics with the themes of Latest Research on Bacterial Infection and Infectious Disease Response Strategies for the Post-COVID19 Era. We look forward to the participation of researchers in related fields.

1. Conference schedule

▪ **Date:** October 13-14, 2022 (Thursday-Friday)

- The 142nd Korean Society of Microbiology Fall Conference: Thursday, October 13, 2022

- The 15th Korea-Japan Symposium on Microbiology: Friday, October 14, 2022

▪ **Venue:** The Ocean Convention Center, Yeosu, Korea

- The ocean resort – The Ocean Convention Hotel-

(59670) 295, Soho-ro, Yeosu-si, Jeollanam-do, Korea

TEL: +82-61-689-0804, <https://www.theoceanresort.co.kr>

<https://youtu.be/laptQkEHvV4>

2. Program

The outline of the program is as follows. Please check the attached file for the detailed program that has been decided.

08:50 Registration

09:20 -09:30 Opening Ceremony (President / The Korea Society for Microbiology)

09:30-10:00 Keynote lecture (President / Japanese Society for Bacteriology)

Coffee break (10:00-10:10)

10:00 – 11:50 Session 1: Young Scientist

Lunch (11:50-13:00)

Poster session (13:00-13:30)

13:30-14:00 Keynote lecture (President / The Korea Society for Microbiology)

Coffee break (14:00-14:10)

14:10 – 15:50 Session 2: Latest Research on Bacterial Infection

Coffee break (15:50-16:10)

16:10 – 17:30 Session 3: Infectious Disease Response Strategies for the Post-COVID19 Era

17:30 -17:50 Closing Ceremony

3. Invitation

We designed the conference program by considering the time and itinerary for JSB members to come to the conference site. Please refer to the attached academic program plan. The programs we invite to JSB members are as follows.

- 1) October 13 (17:30 -) Welcome reception
- 2) October 14 (9:00 – 17:40) the 15th KJISM program
- 3) October 14 (17:40 -) Dinner
- 4) October 15 Tour (Yeosu)

- There is also an S4. Early Career Scientist Presentation (in English, time: 16:00 -) session at the KSM Fall Conference on October 13th. If you are available, you can participate on the 13th.

5) Poster session

We are planning a poster session for active research interactions at this conference. Therefore, we welcome the visit of many participants of poster presentation.

- Size: within 90cm * 180cm
- Posting time: October 13 (Thu) 10:00 ~ 14 (Fri) 17:00
- Presentation time: October 14 (Fri) 13:00 ~ 13:30

4. Registration

We provide registration fee and accommodation to JSB members participating in in-person meeting.

Provided: 1) registration fee (included below)

- October 13 (17:30 -) Fees to attend the Welcome reception
 - October 14 (17:40 -) Dinner
 - October 15 Tour (Yeosu)
- 2) Accommodation (up to 3 nights)

3) Tour

We are preparing for the Yeosu tour on Saturday, October 15th. We would like to decide the tour program according to the opinion of the JSB members. Full-day and half-day programs are available.

We would like to know whether JSB members are participating in the tour. Also, if you are joining, you will need an approximate number of participants.

5. Abstract submission and Registration

Deadline: 2022. 09. 23. – 2022. 09.30.

(E-mail: ksm@ksmkorea.org)

6. Abstract guidelines

- 1) Abstracts should be written in English on an A4-sized page.
- 2) The text should be single-spaced using Times New Roman font of 14 point for title, 12 point for author's name, affiliation and text. Title and authors should be in bold letters.
- 3) Figures and Tables can be included in the text.
- 4) Abstracts should be a single page for POSTER PRESENTATION and less than 2 pages for ORAL PRESENTATION.

7. Conference venue

- Instructions on how to get to the conference venue will also be announced when details are decided.

First of all, we will give you a rough picture to help you decide which airport to fly to.

- 1) Yeosu has Yeosu Domestic Airport, and if you enter through Gimpo International Airport (Seoul), you can transfer to Yeosu Airport or reach Yeosu by high-speed train (KTX).
- 2) If you enter through Gimhae International Airport (Busan), you can reach Yeosu by bus. (If all JSB members arrive at Gimhae Airport together, we can check the transportation in detail)
- 3) If you enter through Jeju International Airport (Jeju), you can reach Yeosu by transferring to Yeosu Airport.

Once a decision has been made on the airport of entry, we will be able to discuss in more detail how to get to the venue of the conference.



10 월 13 일(Thu)

08:50~ Registration 등록

09:20~09:300 Opening Ceremony 개회사 / Joon-Haeng Rhee (대한미생물학회 회장)

Session 1		Student-Scientist Presentation I / 학생연구자 구연 I (in Korean)
Chair 좌장	Jung Mogg Kim 김정목 Hanyang University College of Medicine 한양의대	
09:30 - 09:45	A Novel-Developed Repetitive Sequences Based-PCR (rep-PCR) via Highly Repeated DNA Sequence from <i>Mycobacterium intracellulare</i> - Jeong-ih Shin 신정이 - College of Medicine, Gyeongsang National University 경상대학교 의과대학	
09:45 - 10:00	Development of Live Salmonella Vaccine Strain using Radiation Mutation Enhancement Technology (R-MET) - Hyun Jung Ji 지현정 - Seoul National University and Korea Atomic Energy Research Institute 서울대학교,원자력연구소	
10:00 - 10:15	The role of the extracellular loops in Acinetobacter baumannii Outer Membrane Protein A (AbOmpA) as a potential anti-virulence target - Kyeongmin Kim 김경민 - School of Medicine, Kyungpook National University 경북대학교 의과대학	
10:15 - 10:30	Arginine-mediated host defense in nontuberculous mycobacterial infection - Young Jae Kim 김영재 - Chungnam National University School of Medicine 충남대학교 의과대학	
10:30 - 10:45	업로드 예정 - Gyeongsang National University 경상대학교	
10:45 - 11:00	Elucidating the antibacterial mechanism of α -mangostin on <i>Staphylococcus pseudintermedius</i> - Park Seong-Yong 박성용 - School of Medicine, Kyungpook National University 경북대학교 의과대학	
11:00 - 11:15	Lectin-Glycan interaction of Enterohemorrhagic Escherichia coli (EHEC) and Enterotoxigenic Escherichia coli (ETEC) in the gastrointestinal tract - Park Jun Young 박준영 - Korea National Institute of Health 국립보건원	

11:15~11:25 Coffee break

Luncheon Seminar	
11:25-12:05	Anti-viral and Anti-inflammatory Mechanism of Burfiralimab (hzVSF-v13), and Results of its Clinical Phase 2 Study to Moderate and Severe Covid-19 - Yoon-Won Kim 김윤원 - Hallym University Medical School and ImmuneMed Inc

11:25~13:00 Lunch

Session 2	Living Modified Organisms (LMO) Biosafety Education (in Korean)
13:00-14:00	<p>시험·연구용 LMO 법·제도와 안전관리 (병원체 포함)</p> <p>- Sun-Hwa Lee 이선화</p> <p>- KRIBB National Research Safety Headquarters 한국생명공학연구원 국가연구안전관리본부</p>

14:00 ~ 14:10 Coffee break

Session 3	Student-Scientist Presentation II / 학생연구자 구연 II (in Korean)
Chair 좌장	<p>Jae-Seung Kang 강재승</p> <p>Inha University College of Medicine 인하의대</p>
14:10-14:25	<p>Ohmyungsamycin enhances antimicrobial activity through M1-like inflammatory responses</p> <p>- Sang Min Jeon 전상민</p> <p>- Chungnam National University School of Medicine 충남대학교 의과대학</p>
14:25 - 14:40	<p>업로드 예정</p> <p>- Heedo Park 박희도</p> <p>- College of Medicine, Korea University 고려대학교 의과대학</p>
14:40 - 14:55	<p>Analysis of vaccine-induced immune responses according to the immunization sequences of mRNA and subunit vaccine</p> <p>- Hyeong-Jun Park 박형준</p> <p>- The Catholic University of Korea and SMLbiopharm 가톨릭대, SMLbiopharm</p>
14:55 - 15:10	<p>Longitudinal landscaping of inflammatory plasma factors reveals heterogeneous but core inflammatory modules in COVID-19 pneumonia patients</p> <p>- Kyeongseok Jeon 전경석</p> <p>- College of Medicine, Seoul National University 서울대학교 의과대학</p>
15:10 - 15:25	<p>Heterologous prime-boost regimen elicits potent humoral and cell-mediated immune responses and provides complete protection against Dabie bandavirus</p> <p>- JAE-YONG KIM 김재용</p> <p>- The Catholic University of Korea and SMLbiopharm 가톨릭대, SMLbiopharm</p>
15:25 - 15:40	<p>업로드 예정</p> <p>- Jeonghun Kim 김정훈</p> <p>- College of Medicine, Korea University 고려대학교 의과대학</p>

15:40 ~ 15:55 Coffee break

Session 4	Early Career Scientist Presentation / 학생연구자 구연 III (in English)
Chair 좌장	<p>Lee Kwang Jun 이광준</p> <p>Korea National Institute of Health 국립보건원</p>
15:55 - 16:10	<p>Flagellin deimmunization</p> <p>- Keomchhoy Khim</p> <p>- Clinical Vaccine R&D Center, Chonnam National University 전남의대</p>

16:10 - 16:25	Revealing the genetic diversity and evolution of virulence of <i>Mycobacterium intracellulare</i> by whole genome sequencing - Suji Kim 김수지 - Seoul National University 서울대학교
16:25 - 16:40	Microbial transplantation as a new therapeutical strategy for atopic dermatitis - Jong-Hwa Kim 김종화 - Chung-Ang University 중앙대학교 의과대학
16:40 - 16:55	Phenotypic and genotypic characteristics of <i>Mycobacterium avium</i> complex small colony variants isolated from respiratory specimens - Hyun-Eui Park 박현의 - College of Medicine, Gyeongsang National University 경상대학교 의과대학
16:55-17:10	The <i>Orientia tsutsugamushi</i> autotransporter protein ScaB mediate cellular adhesion and invasion - Chaewon Kim 김채원 - College of Medicine, Seoul National University 서울대학교 의과대학

17:10~ 17:30 대한미생물학회 총회

17:30~ 20:00 Welcome Reception

10 月 14 日 (Fri) / English Session

08:50 ~ Registration

09:20 ~ 09:30 Opening Ceremony (President / The Korea Society for Microbiology)

Keynote lecture	
Chair	Joon-Haeng Rhee President / The Korea Society for Microbiology
09:30-10:00	Dr. Akaike President / Japanese Society for Bacteriology

10:00-10:10 Coffee break

Session 1	Young Scientist
Chairs	Eun-Kyeong Jo Chungnam National University School of Medicine, Korea
10:10 - 10:30	Computational Deimmunization of Therapeutic Proteins - Yoonjoo Choi - Chonnam National University Medical College, Korea
10:30 - 10:50	Sumitomo - Japan
10:50 - 11:10	Epistasis reduces fitness costs of influenza A virus escape from stem-binding antibodies - Chung-Young Lee - Kyungpook National University, School of Medicine, Korea
11:10 - 11:30	
11:30 - 11:50	SARS-CoV-2 elevates mitochondrial bioenergetics for robust virus propagation - Hye Jin Shin - Chungnam National University College of Medicine, Korea

11:50-13:00 Lunch

13:00-13:30 Poster presentation

Keynote lecture	
Chairs	Dr. Akaike President / Japanese Society for Bacteriology
13:30 - 14:00	Joon-Haeng Rhee President / The Korea Society for Microbiology

14:00-14:10 Coffee break

Session 2	Latest Research on Bacterial Infection
Chairs	Yeongjin Hong Chonnam National University Medical College, Korea
14:10 - 14:30	Matsuo - Japan
14:30 - 14:50	Hepcidin Controls Iron Transporter Ferroportin in Salmonella Containing Vacuole - Hyon E. Choy - Chonnam National University Medical College, Korea
14:50 - 15:10	Takaesu - Japan
15:10 - 15:30	Viral coinfection promotes tuberculosis immunopathogenesis by type I IFN signaling-dependent impediment of Th1 cell pulmonary influx - Kee Woong Kwon - Yonsei University College of Medicine, Korea
15:30 - 15:50	Fujinaga - Japan

15:50-16:10 Coffee break

Session 3	Infectious Disease Response Strategies for the Post-COVID19 Era
Chairs	Youngmee Jee Institut Pasteur Korea
16:10 -16:30	Characteristics of cross neutralizing antibody responses in fully vaccinated individuals against pan-SARS-CoV-2 variants following Omicron breakthrough infection - Young-Ki Choi - Chungbuk National University Medical College, Korea
16:30 - 16:50	Hideaki Higashi - Japan
16:50 - 17:10	Low-dose radiation therapy (LDRT) for COVID-19 Pneumonia: Evidence, Benefits, and Risks - Ho Seong Seo - Korea Atomic Energy Research Institute, Korea
17:10 - 17:30	Sawa - Japan

17:30-17:50 Closing Ceremony