



KAI 2015 Fall Conference
The Korean Association of Immunologists
2015년 대한면역학회 추계학술대회

November **12** (Thu) ~ **13** (Fri), **2015**
Sejong University Convention Center, Seoul, Korea

Host  The Korean Association of Immunologists

Secretariat tel. +82.2.797.0975
e-mail. kai1974info@gmail.com / info-kai@ceed.kr

DEADLINE

Abstract Submission • October 26 (Mon), 2015
Pre-Registration • October 26 (Mon), 2015

*On line submission available at the official website :
<http://www.ksimm.or.kr/abstract>



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INVITATION

Dear KAI Members and Colleagues,

On behalf of the organizing committee, it is my great pleasure to invite you to the 2015 Fall Conference of the Korean Society of Immunologists (KAI) to be held in Seoul. The conference will take place from Thursday November 12 to Friday November 13, 2015, at Sejong University Convention Center in Seoul, Korea.

In this upcoming conference, we anticipate over 1,000 participants will be in attendance, including domestic and international leaders that will present the most recent advances in basic immunology and clinical treatments. Plenary speakers include James P. Allison (MD Anderson Cancer Center) and Marc K. Jenkins (University of Minnesota). In addition, we are preparing four Special Lectures and Eight Block Symposia with world renowned scholars and experts in different divisions and Oral Presentations for young investigators. We are also planning various events, so all of the participants will be able to enjoy the conference of this year.

I am pretty sure that the conference will provide a key networking and educational interface for colleagues from university, industry, health providers and independent research organizations to come together. We hope all the participants will have a meaningful time as exchanging recent progress and knowledge and networking with KAI members and global experts. Your participation in the conference will enrich the scientific discussions and activities and contribute to further development of KAI.

We, members of the organizing committee, are looking forward to seeing you in Seoul.

Warmest greetings to all,

Jong-Seok Lim, Ph.D.
President of the Korean Association of Immunologists



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ORGANIZATION

President	Jong-Seok Lim	Sookmyung Women's University
Vice President	Yeong Min Park	Konkok University
Vice President-Elect	Chung-Gyu Park	Seoul National University
Secretary General	Sang-Bae Han	Chungbuk National University
Vice Secretary General	Seung-Hyun Lee	Konkok University
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Chair, International Cooperation Committee	Sang-Jun Ha	Yonsei University
Vice Chair, International Cooperation Committee	Sung Jae Shin	Yonsei University

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Plenary Lecture 1

Immune Checkpoint Blockade in Cancer Therapy:
New Insights, Opportunities and Prospects for a Cure

James P. Allison
(MD Anderson Cancer Center, USA)



Plenary Lecture 2

Tracking Antigen-specific CD4+ T Cells In Vivo

Marc K. Jenkins
(University of Minnesota Medical School, USA)



Special Lecture 1

TBA

Yasmine Belkaid
(National Institute of Allergy and Infectious Diseases, USA)



Special Lecture 2

Recognition of Bacteria by NK Cells

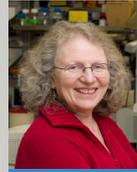
Ofer Mandelboim
(Hebrew University of Jerusalem, ISRAEL)



Special Lecture 3

T Cell Exhaustion

E. John Wherry
(University of Pennsylvania, USA)



Special Lecture 4

Regulation of Myeloid Cells and SLE

Betty Diamond
(The Feinstein Institute for Medical Research, USA)

Block Symposia

I+II. Tumor Immunology and Immunotherapy

Padmanee Sharma (MD Anderson Cancer Center, USA)
Cassian Yee (MD Anderson Cancer Center, USA)
Andrew D. Weinberg (Providence Cancer Center, USA)
Hiroyuki Kishi (University of Toyama, JAPAN)

III. NK Cells and Immune Regulation

TBA
Joseph Sun (Memorial Sloan Kettering Cancer Center, USA)
ZHOU Zhaoai (Shanghai Institutes for Biological Sciences, CHINA)
Young-Joon Kim (Yonsei University, KOREA)

IV. Regulation of Innate Immunity and Inflammation

Genhong Cheng (University of California Los Angeles, USA)
Mi-Na Kweon (University of Ulsan, KOREA)
Masato Kubo (Tokyo University of Science, JAPAN)
Eun-Kyeong Jo (Chungnam National University, KOREA)

V. Immune Response and Infection

Damien Portevin (Tropical and Public Health Institute, SWITZERLAND)
Ayan Dey (International Vaccine Institute, KOREA)
Dae-Sub Song (Korea University, KOREA)
Kyun-Hwan Kim (Konkuk University, KOREA)

VI. Regulation of Immune Homeostasis

Stephen M. Hedrick (University of California San Diego, USA)
Kathy D. McCoy (University Hospital Bern, SWITZERLAND)
Charles D. Surh (IBS/POSTECH, KOREA)
Yun kyung Lee (Soonchunhyang University, KOREA)

VII. DC and Immune Regulation

Eicke Latz (University of Bonn, GERMANY)
Masato Tanaka (Tokyo University of Pharmacy and Life Sciences, JAPAN)
Yong-Soo Bae (Sungkyunkwan University, KOREA)
Yong-Taik Lim (Sungkyunkwan University, KOREA)

VIII. KAI-AKIA Joint Symposium

Young S. Hahn (University of Virginia, USA)
Jun R. Huh (University of Massachusetts Medical School, USA)
Boyoun Park (Yonsei University, KOREA)
Yoe-Sik Bae (Sungkyunkwan University, KOREA)

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SCIENTIFIC PROGRAM

Day 1, (Nov. 12, Thu)

Convention Hall A

08:00 - 08:50	Registration		
08:50 - 09:00	Opening Address		
09:00 - 11:00	Block Symposium I-II: Tumor Immunology and Immunotherapy		Chair: TBA
09:00 - 09:30	TBA	<i>Padmanee Sharma (MD Anderson Cancer Center, USA)</i>	
09:30 - 10:00	Adoptive T Cell Therapy: Personalizing Cancer Treatment	<i>Cassian Yee (MD Anderson Cancer Center, USA)</i>	
10:00 - 10:30	The Use of OX40 Agonists as a Cancer Immunotherapeutic: Past, Present, and Future	<i>Andrew D. Weinberg (Providence Cancer Center, USA)</i>	
10:30 - 11:00	Single Cell Analysis of Antigen Receptors of Lymphocytes for Tumor Immunology and Immunotherapy	<i>Hiroyuki Kishi (University of Toyama, Japan)</i>	
11:00 - 11:30	Coffee Break (Roundtable Discussion)		
11:30 - 12:20	Plenary Lecture I		Chair: TBA
	Immune Checkpoint Blockade in Cancer Therapy: New Insights, Opportunities and Prospects for a Cure	<i>James P. Allison (MD Anderson Cancer Center, USA)</i>	
12:20 - 13:20	Luncheon Symposium I-II		
13:20 - 14:30	Poster Session I		
14:30 - 16:30	Block Symposium III: NK Cells and Immune Regulation		Chair: TBA
14:30 - 15:05	TBA		
15:05 - 15:40	Molecular Programming of Immunological Memory in NK cells	<i>Joseph Sun (Memorial Sloan Kettering Cancer Center, USA)</i>	
15:40 - 16:05	The MST4 Kinase Touching the Brake of TLR-TRAF6 Signaling to Limit Inflammation	<i>ZHOU Zhaocai (Shanghai Institutes for Biological Sciences, China)</i>	
16:05 - 16:30	Anti-inflammatory Activity via Mincle-Mediated Translational Control of iNOS	<i>Young-Joon Kim (Yonsei University, Korea)</i>	
16:30 - 16:50	Coffee Break		
16:50 - 17:30	Special Lecture I		Chair: TBA
	TBA	<i>Yasmine Belkaid (National Institute of Allergy and Infectious Diseases, USA)</i>	
17:30 - 18:00	Oral Presentation I		Chair: TBA
18:00 - 19:30	Reception		

Convention Hall B

08:00 - 08:50	Registration		
08:50 - 09:00	Opening Address		
09:00 - 11:00	Block Symposium I-II: Tumor Immunology and Immunotherapy		Chair: TBA
09:00 - 09:30	TBA	<i>Padmanee Sharma (MD Anderson Cancer Center, USA)</i>	
09:30 - 10:00	Adoptive T Cell Therapy: Personalizing Cancer Treatment	<i>Cassian Yee (MD Anderson Cancer Center, USA)</i>	
10:00 - 10:30	The Use of OX40 Agonists as a Cancer Immunotherapeutic: Past, Present, and Future	<i>Andrew D. Weinberg (Providence Cancer Center, USA)</i>	
10:30 - 11:00	Single Cell Analysis of Antigen Receptors of Lymphocytes for Tumor Immunology and Immunotherapy	<i>Hiroyuki Kishi (University of Toyama, Japan)</i>	
11:00 - 11:30	Coffee Break (Roundtable Discussion)		
11:30 - 12:20	Plenary Lecture I		Chair: TBA
	Immune Checkpoint Blockade in Cancer Therapy: New Insights, Opportunities and Prospects for a Cure	<i>James P. Allison (MD Anderson Cancer Center, USA)</i>	
12:20 - 13:20	Luncheon Symposium I-II (Board of Director's Meeting)		
13:20 - 14:30	Poster Session I		
14:30 - 16:30	Block Symposium IV: Regulation of Innate Immunity and Inflammation		Chair: Eun-Kyeong Jo (Chungnam National University, Korea), Genhong Cheng (University of California Los Angeles, USA)
14:30 - 15:00	Differential Roles of Type I Interferon in Host Response to Acute and Chronic Bacterial and Viral Infections	<i>Genhong Cheng (University of California Los Angeles, USA)</i>	
15:00 - 15:30	Enteric Viruses Ameliorate Gut Inflammation via the TLR3 and TLR7 Pathways	<i>Mi-Na Kweon (University of Ulsan, Korea)</i>	
15:30 - 16:00	Innate and Acquired Immunity in Influenza Virus Infection	<i>Masato Kubo (Tokyo University of Science, Japan)</i>	
16:00 - 16:30	Orphan Nuclear Receptor Estrogen-related Receptor α and Innate Immune Regulation	<i>Eun-Kyeong Jo (Chungnam National University, Korea)</i>	
16:30 - 16:50	Coffee Break		
16:50 - 17:30	Special Lecture II		Chair: TBA
	Recognition of Bacteria by NK Cells	<i>Of'er Mandelboim (Hebrew University of Jerusalem, Israel)</i>	
17:30 - 18:00	Oral Presentation II		Chair: TBA
18:00 - 19:30	Reception		

Convention Hall C

13:20 - 14:30	Poster Session I		
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SCIENTIFIC PROGRAM

Day 2, (Nov. 13, Fri)

Convention Hall A

08:00 -	Registration	
09:00 - 09:50	Plenary Lecture II	Chair: TBA
	Tracking Antigen-Specific CD4+ T Cells In Vivo	Marc K. Jenkins (University of Minnesota Medical School, USA)
09:50 - 10:20	Coffee Break	
10:20 - 12:20	Block Symposium V: Immune Response and Infection	Chair: TBA
10:20 - 10:55	Dissecting Human T Cell Responses during Active Tuberculosis Infection and Associated Comorbidity or Co-infections	Damien Portevin (Tropical and Public Health Institute, Switzerland)
10:55 - 11:25	Immune Response to Oral Polio and Rotavirus Vaccine in Developing Countries and Strategies for Improving Responses	Ayan Dey (International Vaccine Institute, Korea)
11:25 - 11:55	World-wide Threat of Coronaviruses (PEDV and Mers)	Dae-Sub Song (Korea University, Korea)
11:55 - 12:20	A Strategy of Hepatitis B Virus for Evading the Interferon System	Kyun-Hwan Kim (Konkuk University, Korea)
12:20 - 13:20	Luncheon Symposium III	
13:20 - 14:30	Poster Session II	
14:30 - 16:30	Block Symposium VII: DC and Immune Regulation	Chair: Seung-yong Seong (Seoul National University, Korea) Tae-Woo Kim (Korea University, Korea)
14:30 - 15:00	Posttranslational Regulation of NLRP3 Inflammasome Activation	Eicke Latz (University of Bonn, Germany)
15:00 - 15:30	The Role of CD169 Macrophages in Immune Regulation	Masato Tanaka (Tokyo University of Pharmacy and Life Sciences, Japan)
15:30 - 16:00	Positive and Negative Regulators Expressed during Dendritic Cell Development Control the Immunogenicity of Dendritic Cells	Yong-Soo Bae (Sungkyunkwan University, Korea)
16:00 - 16:30	Immunomodulation of Dendritic Cells by Engineered Biomaterials for the Enhanced Immunity in Cancer and Infectious Disease	Yong-Taik Lim (Sungkyunkwan University, Korea)
16:30 - 16:50	Coffee Break	
16:50 - 17:30	Special Lecture III	Chair: TBA
	T Cell Exhaustion	E. John Wherry (University of Pennsylvania, USA)
17:30 - 18:00	General Assembly, Prize & Closing	

Convention Hall B

08:00 -	Registration	
09:00 - 09:50	Plenary Lecture II	Chair: TBA
	Tracking Antigen-Specific CD4+ T Cells In Vivo	Marc K. Jenkins (University of Minnesota Medical School, USA)
09:50 - 10:20	Coffee Break	
10:20 - 12:20	Block Symposium VI: Regulation of Immune Homeostasis	Chair: Sin-Hyeog Im (IBS/POSTECH, Korea) Jonathan Sprent (Garvan Institute of Medical Research, Australia)
10:20 - 10:50	T Cell Survival Following Acute and Chronic Infections	Stephen M. Hedrick (University of California San Diego, USA)
10:50 - 11:20	Impact of Intestinal Microbes in Shaping Innate Immunity Early in Life	Kathy D. McCoy (University Hospital Bern, Switzerland)
11:20 - 11:50	Regulation of Immune Homeostasis to Enteric Antigens	Charles D. Surh (IBS/POSTECH, Korea)
11:50 - 12:20	Control of Regulatory T Cell Plasticity by the Gut Microbiota	Yun Kyung Lee (Soonchunhyang University, Korea)
12:20 - 13:20	Luncheon Symposium IV	
13:20 - 14:30	Poster Session II	
14:30 - 16:30	Block Symposium VIII: KAI-AKIA Joint Symposium	Chair: Doo Hyun Chung (Seoul National University, Korea) Jun Chang (Ewha Womans University, Korea)
14:30 - 15:00	Role of Macrophages in Tissue Inflammation and Repair	Young S. Hahn (University of Virginia, USA)
15:00 - 15:30	The Maternal IL-17a Pathway Promotes Autism-like Phenotypes in Offspring	Jun R. Huh (University of Massachusetts Medical School, USA)
15:30 - 16:00	InSAC: A Novel Sub-nuclear Body Essential for Interleukin-6 and -10 RNA Processing and Stability	Boyoun Park (Yonsei University, Korea)
16:00 - 16:30	Pathogenic Role for Phospholipase D2 in Sepsis by Inhibiting Neutrophil Extracellular Trap Formation and Downregulating CXCR2	Yoe-Sik Bae (Sungkyunkwan University, Korea)
16:30 - 16:50	Coffee Break	
16:50 - 17:30	Special Lecture IV	Chair: TBA
	Regulation of Myeloid Cells and SLE	Betty Diamond (The Feinstein Institute for Medical Research, USA)
17:30 - 18:00	General Assembly, Prize & Closing	

Meeting room, first basement

12:20 - 13:20	Special Workshop: Meet the Immunity Editor (Dr. Peter Lee)
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Convention Hall C

13:20 - 14:30	Poster Session II
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REGISTRATION INFORMATION

Pre-registration

Deadline of Pre-registration 18:00, October 26 (Mon), 2015

- Participants are advised to register in advance to receive the early registration discount.
- Please read carefully the registration guidelines below.

Registration Fee

Category	Pre-registration (by Oct. 23, 2015)	Onsite Registration
Member	KRW 120,000	KRW 140,000
Non Member	KRW 180,000	KRW 200,000
Student	KRW 80,000	KRW 100,000
Meet the Immunity Editor Additional Seminar	KRW 30,000 (extra fee)	

Registration Guideline

Click the Online Registration button below to start.
Verify your personal information before submission and make changes if necessary.
Fill out the required fields in accordance to the Pre-registration instructions.

/ General information

- The Confirmation email will be sent to you once the online registration is completed.
 - Verify your personal information before registration and make any changes if necessary.
 - Once the secretariat confirms the remittance of your registration fee, the second confirmation email will be sent to you.
 - Verify your personal information before submission and make any changes if necessary.
- * If you receive neither of the confirmation, please contact the secretariat, info-kai@ceed.kr.

/ Points to Consider

- Please submit your application and remit registration fees on the same day.
- Please pre-register before the due date as the pre-registration page will be closed after deadline. If you missed the dates for pre-registration, register on-site at the venue.
- **Cancellation of Registration** can be processed by phone or e-mail before **November 2 (Mon), 2015**. Please indicate your bank account for the refund of cancelled registration fees. Cancellation made after November 4 will not be reimbursed.

Payment Information

Please wire registration fee to the following account.

/ Bank Transfer

- Bank Name: SHINHAN BANK
- Bank Address: 120, 2-GA TAEPYUNG-RO, CHUNG-GU, SEOUL, SOUTH KOREA
- Swift Code : SHBKRRSE
- Account Number: 100-022-640900
- Beneficiary Name: THE KOREAN ASSOCIATION OF IMMUNOLOGISTS
- Beneficiary Phone Number: +82-2-797-0975

/ Individual Registration

- Remit it under your official name and we will send you a confirmation letter.

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ABSTRACT SUBMISSION GUIDELINE

Deadline for Abstract Submission

Deadline for abstract submission

18:00, October 26 (Mon), 2015

Online abstract submission page will be closed by 6 pm of October 12 (Mon), Korean (Seoul/Tokyo) time.

Category

1. Allergy, Hypersensitivity and Autoimmunity
2. Antigen Processing and Presentation
3. Immune Cell Development, Differentiation and Function
4. Immune Mediators, their Receptors and Signaling
5. Immune Response Regulation and Tolerance
6. Innate Immune Response, Infection and Inflammation
7. Mucosal and Regional Immunity
8. Tumor and Transplantation Immunology
9. Vaccines and Immune Therapeutics
10. Technical Innovations and Others

Oral Presentation & Poster Presentation Awards

1. Please choose your abstract submission category between 'Oral Presentation' and 'Poster Presentation'.
2. The Scientific Committee will select abstracts for the Oral Presentation among the candidates. **Selected abstracts should be presented both Oral Presentation and Poster Presentation.**
3. Quality of submitted Abstract and Poster Presentation during the session will be evaluated for the Poster Presentation Award.
(Presenter must stay close to their posters for the evaluation during the poster session.)

Evaluation Standard for Poster Presentation

The scientific committee will select best posters in accordance with evaluation as below.

1. Abstract Review
If your abstract is already published (or in press) to SCI journals, the publication information should be noticed while submission. The scientific committee may request for the certificate of publication. (If it is schedule to publish, please send a proof of publication) Different evaluation standard will be applied to unpublished abstracts.
2. Presentation Evaluation
Evaluation will take place during the poster presentation.
3. Award: November 13 (Fri), 2015 / 17:30 ~ 18:00

Abstract Submission

- Click the 'abstract Submission' button below.
- Verify your personal information before submission and make any changes if necessary.
- The abstract must follow the given format.

- English is the official language.
- Title: Each word should be started with a capital letter.
- Presenting Author & Co-Author: Use comma (,) between co-authors. Underline Presenting Author and asterisk (*) for Corresponding Author*.
- Name: Put First Name Middle Name Last Name. Please follow the order.
- Affiliation: Use superscripted number (UCLA1) if there are more than one name and affiliation.
- Body: Font 10. Less than 2,000 words. No more than 1 page.
- Key words: less than 5 words. Each word should begin with a capital letter.

- You will be able to confirm status upon submission and modify your abstract at anytime before the final due date.

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VENUE

KAI 2015 fall conference The Korean Association of Immunologists will be held at “Gwang Gae To” building in the campus of Sejong University.

The conference Rooms are located on the **B2** of the building.



Address: 98 Gunja-Dong, Gwangjin-Gu, Seoul, 143-747 Republic of Korea

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Fax: +82-2-3408-4460

Website: <http://www9.sejong.ac.kr/eng>

Layout of the conference site

