

THE KYOTO IMMUNOLOGY SYMPOSIUM

Day 1 **Feb 10** Mon

Day 2 **Feb 11** Tue

Day 3 **Feb 12** Wed

10:20- Registration
10:40-10:50 Opening Remarks

Session 1

**When the Immune System Fails:
Cancer and Immunodeficiency**

10:50-11:15
Hiroyoshi Nishikawa | NCC/NagoyaU., Japan

11:15-11:40
Stuart Tangye | Garvan Institute, Australia

11:40-11:55 Selected Talk 1

11:55-12:10 Selected Talk 2

12:10-13:30 Lunch Break

Session 2 **Decoding T Cell Diversity**

13:30-13:55
Federica Sallusto | ETH Zurich, Switzerland

13:55-14:20
Paul Thomas | St. Jude, U.S.A.

14:20-14:45
Eui-Cheol Shin | KAIST, KOREA

Roundtable with Editors

14:45-15:15 **Nick Bernard** | Nature Immunology
Christiana Fogg | Science Immunology
Peter Lee | Immunity

15:15-15:35 Coffee Break

Session 3 **Wisdom from Legends**

15:35-16:00
Jacques Banchereau | Immunai, U.S.A.

16:00-16:25
Mark Davis | Stanford, U.S.A.

16:25-16:40 Selected Talk 3

16:40-16:55 Selected Talk 4

16:55-18:20 **Poster Session**

19:00- **Guest Speakers Dinner**
[Co-hosted by **Cytek**]

Session 4

**Age and Sex: Shaping the Immune
Landscape**

9:00-9:25
Weiping Zou | U. of Michigan, U.S.A

9:25-9:50
Akiko Iwasaki | Yale, U.S.A

9:50-10:15
Hideki Ueno | Kyoto U., Japan

10:15-10:35 Break

10:35-11:00
Donna Farber | Columbia, U.S.A.

11:00-11:15 Selected Talk 5

11:15-12:15 **Poster Session**

12:15-
Excursion / Kyoto City Tour

18:30- **Networking Dinner**
[Co-hosted by **Cytek**]

Session 5

The Genetic Code of Immunity

9:00-9:25
Yasuhiro Murakawa | Kyoto U, Japan

9:25-9:50
John S Tsang | Yale, U.S.A

9:50-10:05 Selected Talk 6

10:05-10:20 Selected Talk 7

10:20-10:40 Break

10:40-11:05
Sebastian Amigorena | Curie, France

11:05-11:30
Kazuhiko Yamamoto | RIKEN, Japan

11:30-11:45 Selected Talk 8

11:45-12:00 Selected Talk 9

12:00-12:15 Selected Talk 10

12:15-13:30 Lunch Break

Session 6

**Dual Roles of Immunity: Infection
Defense and Autoimmune Reactions**

13:30-13:55
Shane Crotty | La Jolla Institute, U.S.A.

13:55-14:20
Virginia Pascual | Cornell, U.S.A.

14:20-14:45
Antonio Lanzavecchia | INGM, Italy

14:45-15:00 Selected Talk 11

15:00-15:15 Selected Talk 12

15:15-15:35 Break

Session 7

**Innovations from Japan: Pioneering
Studies by Young Researchers**

15:35-15:50 Selected Talk 13

15:50-16:05 Selected Talk 14

16:05-16:20 Selected Talk 15

16:20-16:30 Poster Award

16:30-16:40 Closing Remarks

THE KYOTO IMMUNOLOGY SYMPOSIUM

AMED 先進的研究開発戦略センター (SCARDA)
「ワクチン開発のための世界トップレベル研究開発拠点の形成事業」
第 4 回 サポート機関合同シンポジウム

Monday, February 10 (Day 1)

10:20- Registration

10:40- 10:50 Opening Remarks

Session 1 **When the Immune System Fails: Cancer and Immunodeficiency**

10:50- 11:15 **Balancing the immune response is a key component of effective cancer immunotherapy**

Hiroyoshi Nishikawa | NCC/Nagoya U., Japan

11:15- 11:40 **Molecular regulation of human immunity – elucidating critical requirements for adaptive immunity one gene at a time**

Stuart Tangye | Garvan Institute, Australia

11:40- 11:55 Selected Talk 1

11:55- 12:10 Selected Talk 2

12:10- 13:30 Break

Session 2 **Decoding T Cell Diversity**

13:30- 13:55 **T cell activation, differentiation and immune regulation**

Federica Sallusto | ETH Zurich, Switzerland

13:55- 14:20 **Deciphering the T cell receptor specificity code (tentative)**

Paul Thomas | St. Jude, U.S.A.

14:20- 14:45 **What we learned about human CD8⁺ T cells during the COVID-19 pandemic**

Eui-Cheol Shin | KAIST, KOREA

Roundtable with Editors

14:45- 15:15 Nick Bernard | Nature Immunology

Christiana Fogg | Science Immunology

Peter Lee | Immunity

15:15- 15:30 Break

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Session 3

Wisdom from Legends

15:35- 16:00 TBD
Jacques Banchereau | Immunai, U.S.A.

16:00- 16:25 **Immune organoids and combinations to advance our understanding of autoimmunity, vaccination and infection**
Mark Davis | Stanford, U.S.A.

16:25- 16:40 Selected Talk 3

16:40- 16:55 Selected Talk 4

16:55- 18:20 **Poster Session**

19:00- **Guest Speakers Dinner** [cohosted by **Cytel**]

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Tuesday, February 11 (Day 2)

Session 4 **Age and Sex: Shaping the Immune Landscape**

9:00- 9:25 **Sex hormones regulate onco-fetal immune tolerance**
Weiping Zou | U. of Michigan, U.S.A.

9:25- 9:50 **Mucosal antiviral vaccine strategies**
Akiko Iwasaki | Yale, U.S.A.

9:50- 10:15 **Multiple Roles of Antigen-Specific High-Avidity CD4+ T Cells in Humans**
Hideki Ueno | Kyoto U., Japan

10:15- 10:35 Break

10:35- 11:00 **Tissue resident immunity across the lifespan**
Donna Farber | Columbia, U.S.A.

11:00- 11:15 Selected Talk 4

11:15- 12:15 **Poster Session**

12:15- **Excursion - Kyoto City Tour**
(Invited Speakers & Registered members)

18:30- **Networking Dinner** [cohosted by **Cytek**]
(Invited Speakers & Registered members)
held at: **Nananoich, THE HOTEL HIGASHIYAMA KYOTO TOKYU**
3-175-2 Ebisu-cho, Higashiyama-ku, Kyoto, 605-0033

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第4回 サポート機関合同シンポジウム

Wednesday, February 12 (Day 3)

Session 5 **The Genetic Code of Immunity**

9:00- 9:25 **Decoding the complexity and diversity of human gene structures**
Yasuhiro Murakawa | Kyoto U., Japan

9:25- 9:50 **Human immune setpoint and immune health** (tentative)
John S Tsang | Yale, U.S.A.

9:50- 10:05 Selected Talk 6

10:05- 10:20 Selected Talk 7

10:20- 10:40 Break

10:40- 11:05 **TE exonization reveals a “dark proteome”**
Sebastian Amigorena | Curie, France

11:05- 11:30 **Genetics of human immune system**
Kazuhiko Yamamoto | RIKEN, Japan

11:30- 11:45 Selected Talk 8

11:45- 12:00 Selected Talk 9

12:00- 12:15 Selected Talk 10

12:15- 13:30 Break

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AMED 先進的研究開発戦略センター (SCARDA)
「ワクチン開発のための世界トップレベル研究開発拠点の形成事業」
第4回 サポート機関合同シンポジウム

Session 6 **Dual Roles of Immunity: Infection Defense and Autoimmune Reactions**

13:30- 13:55 **Upper airway immune memory in humans, germinal centers, and vaccine immunology**

Shane Crotty | La Jolla Institute, U.S.A.

13:55- 14:20 **Novel Pathogenic Players in Human Lupus** (tentative)

Virginia Pascual | Cornell, U.S.A.

14:20- 14:45 **Dissecting the human antibody response**

Antonio Lanzavecchia | INGM, Italy

14:45- 15:00 Selected Talk 11

15:00- 15:15 Selected Talk 12

15:15- 15:35 Break

Session 7 **Innovations from Japan: Pioneering Studies by Young Researchers**

15:35- 15:50 Selected Talk 13

15:50- 16:05 Selected Talk 14

16:05- 16:20 Selected Talk 15

16:20- 16:30 Poster Award

16:30- 16:40 Closing Remarks
