

KTCC 2026

8th International Workshop of Kyoto T Cell Conference

Date: 25th – 29th May 2026

Venue: Shiran Kaikan, Kyoto University

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Venue: Kyoto University Shiran Kaikan

KTCC2026 Organizers:

Ichiro Taniuchi (chair),

Yasutoshi Agata, Tomokatsu Ikawa, Hideki Ueno, Motoko kimura, Shohei Hori, Kazuyo Moro
and Tadashi Yokosuka

KTCC2026 secretariat: Hisako Sakamoto (RIKEN, IMS)

KTCC was founded in 1991 by Yoshimoto Katsura and is supervised by Yoshimoto Katsura, Kazunori Onoe, Sonoko Habu, Katsuiku Hirokawa, Takashi Saito and Shigeno Koyasu.

KTCC is a founding member of Global Thymus Network since 2005, with EThyme-Rolduc (1989 – present), ThymOz (1995 – present), and ThymUS (2001 – present).

KTCC2026 co-organizers

Grant-in-Aid for Transformative Research Areas (A)
「Self-referential immune perception」

RIKEN Center for Integrative Medical Sciences (IMS)

Institut Pasteur du Japon (IPJ)

Foundations supporting KTCC2026

The Naito Foundation, Japan

Simizu Foundation for Immunology and Neuroscience, Japan

Sponsorship

CELLECTA

TECregen

InvivoGen

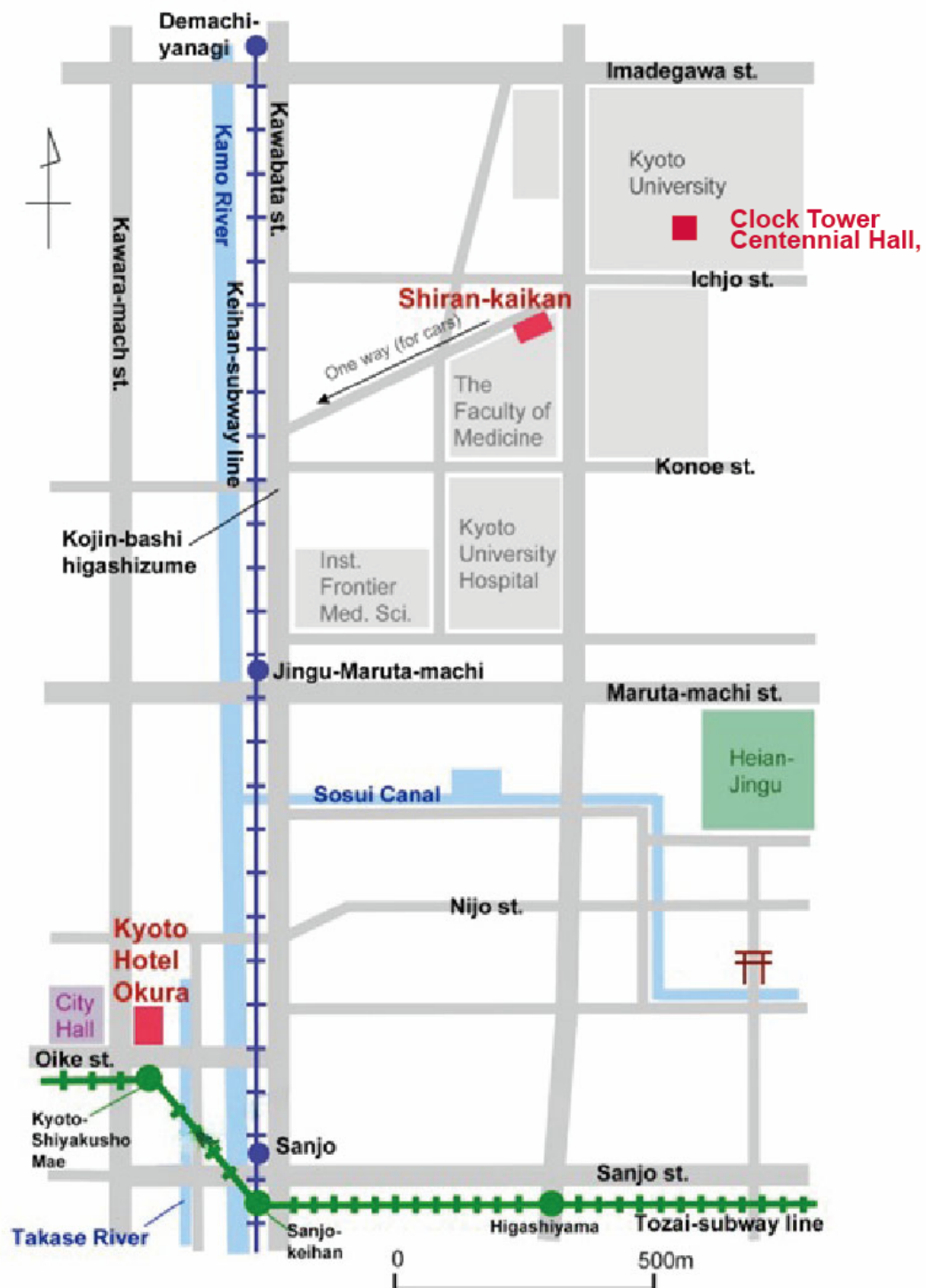
KEYENCE

TKAKACHO



Location Map

Shiran-Kaikan, Hotel Okura, Clock Tower Centennial Hall



From Hotel Okura to Shiran-kaikan:

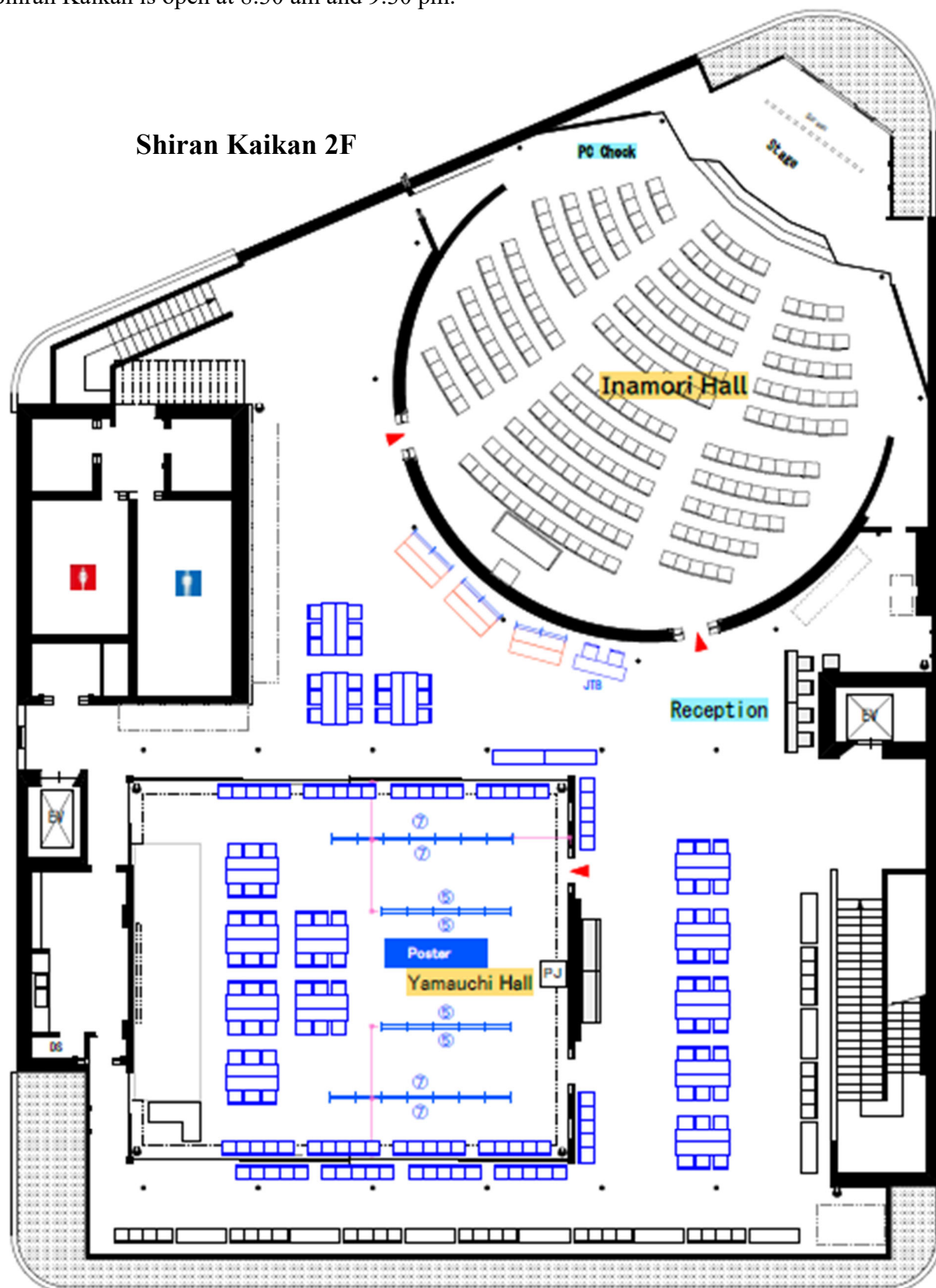
Approx. 2 km, 30 minutes' walk

Registration:

Registration desk at 2nd floor is open at 2:30 pm of Monday, May 25th.
Please pick up your name card and conference bag.

Open hours:

Shiran Kaikan is open at 8:30 am and 9:30 pm.



Instructions for oral presentation

The program schedule is tight; therefore, we kindly ask all speakers to adhere strictly to the allotted time. Please minimize introductory explanations of basic terminology and background literature, and allow sufficient time for discussion.

- **20-minute talk:** 17 minutes presentation + 3 minutes discussion
- **12-minute talk:** 9 minutes presentation + 3 minutes discussion

You may connect your PC to the projector via HDMI. If necessary, HDMI adapters will be provided by KTCC.

Windows PCs are expected to be automatically projected upon connection.

However, Mac users may need to adjust display settings after connecting. We strongly recommend testing your setup in advance to ensure proper projection*

If you plan to use a USB flash drive, please prepare your slides in PowerPoint and save the file using the following format:

Session Number_Presentation Order_Your Name (e.g., S-1_2nd_Taniuchi).

USB data can be submitted in advance* at the PC booth near the podium.

* Presenters in the first session each day are requested to visit the PC booth one day in advance to test their connection or submit their files. As the venue opens at 8:30 AM, there may be limited time before sessions begin.

Other presenters are encouraged to check their setup or submit data during coffee or lunch breaks. Please note that time immediately before presentations may be limited, so early preparation is strongly recommended.

Instructions for poster presentation

Poster boards are in Yamauchi Hall. Please place your poster on the board corresponding to your assigned number. Please note that there were some cancellations, so the poster numbers may have changed from the previous ones.

Poster board size: 90 cm width x 210 cm height (35.4 inches x 82.6 inches)

Two poster sessions will be held on Tuesday 26th and Wednesday 27th.

Poster set up times:

Poster Session 1 (Tuesday, 26th): Posters may be set up after 14:00 pm on May 25.

Poster Session 2 (Wednesday, 27th): Posters may be set up after 8:40 am on May 27.

Please remove your poster by 8:30 pm each day.

Drink and snacks will be provided during the poster sessions.

Poster Awards will also be presented, and outstanding posters will be recognized at the banquet.

Seating Capacity and Alternative Viewing

Oral presentation slides will also be projected in Yamauchi Hall.

As Shiran Kaikan has a seating capacity of 230, participants are kindly encouraged to use Yamauchi Hall if seating becomes limited.

WiFi Service

At Shiran Kaikan, only eduroam is available for free WiFi access.

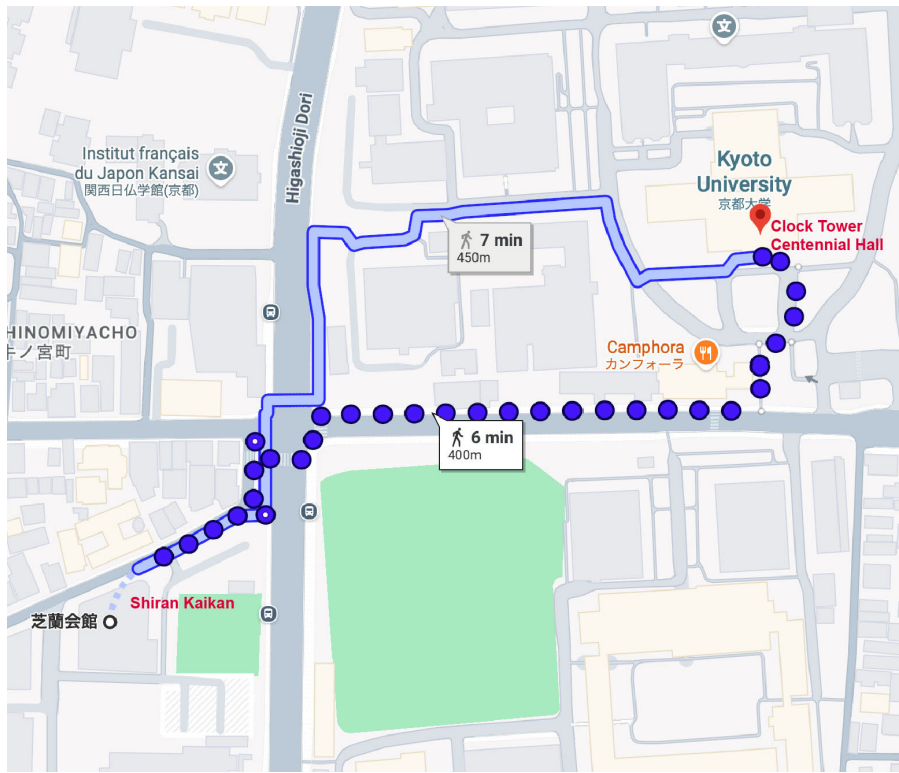
We strongly recommend that you obtain your eduroam account in advance.

For those unable to do so, temporary guest eduroam accounts (limited to 100 users) will be provided at the registration desk upon request.

Welcome drink:

A welcome drink will be held at 7:00 pm on Monday, May 25th, at 2nd Floor, International Hall at Clock Tower Centennial Hall. All participants are invited.

Walking direction to Clock Tower Centennial Hall for Welcome drink.



Group Photograph

A group photograph will be taken after the keynote talks at approximately 6:35 pm on Monday, May 25th. All participants are invited to gather on the 1st floor of Shiran Kaikan.

Lunch information

We will provide four or five types of Bento boxes, including a vegetarian option. Please use the tables and chairs on the 2nd floor of the Shiran Kaikan. Two smaller rooms on the 1st floor are also available for lunch.

Optional tour and tour help desk

After the sponsor talk on Thursday, May 28th, there will be free time. Optional tours arranged by JTB Travel Agency will be provided for those who pre-registered. The JTB Travel Help Desk will also assist participants wishing to arrange their own sightseeing.

Banquet

All participants are invited to the banquet dinner, which will be held at 6:30 pm on Thursday, May 28th at the Room Gyoun, 4th floor, Hotel Okura Kyoto.

Hotel Okura Kyoto

<https://www.hotel.kyoto.e.adw.hp.transer.com/okura/>

537-4, Ichinofunairicho, Nakagyo-ku, Kyoto-shi, Kyoto 604-0924 Japan.

Tel: 81-75-211-5111



KTCC2026 at a glance

Monday 25 May		Tuesday 26 May	Wednesday 27 May	Thursday 28 May	Friday 29 May
8:40					8:40
9:00		Session 1 (Chair: Y Takahama)	Session 5 (Chair: M Kimura)	Session 9 (Chair: S Hori)	Session 11 (Chair: Y Agata)
10:00		Coffee	Coffee	Coffee	Coffee
11:00		Session 2 (Chair: N Alves)	Session 6 (Chair: E Rothenberg)	Session 10 (Chair: T Yokosuka)	Session 12 (Chair: K Moro)
12:00					
13:00		Lunch & Poster viewing	Lunch & Poster viewing	Lunch	Lunch
14:00				Sponsor talk	
15:00	Registration	Session 3 (Chair: I Ohigashi)	Session 7 (Chair: H Hosokawa)	Free Optional Tour	Session 13 (Chair: H Ueno)
16:00	Opening remarks	Coffee	Coffee		Closing remarks
17:00	Keynote Lectures	Session 4 (Chair: T Ikawa)	Session 8 (Chair: W Ellmeier)		
18:00	Group Photo				
19:00	19:00 Welcome drink @ 2F Clock Tower Centennial Hall	Poster session 1	Poster session 2	18:30 Banquet dinner @ 4F Gyoum room Hotel Okura	
20:30		20:30	20:30		

KTCC2026 program

Monday 25th May

14:30 Registration open at *Shiran Kaikan*

Keynote lectures

16:00 – 16:15 Opening remarks by Ichiro Taniuchi

16:15 – 17:15 Thomas Boehm (Chaired by Ichiro Taniuchi)
Trajectories of vertebrate immune systems

17:20 – 18:20 Shimon Sakaguchi (Chaired by Hiroshi Kawamoto)
Regulatory T cells: their development and function

18:30 - **Group Photo**

19:00 **Welcome drink at**
2nd Floor Internation Hall at Clock Tower Centennial Hall

Tuesday 26 May

Session 1. Thymic epithelial cells (Chaired by Yousuke Takahama)

- 08:40 – 09:00 Takeshi Nitta
Aberrant expansion of medullary thymic epithelial cells compromises both self-reactive and non-self-reactive T cells
- 09:00 – 09:20 Juan Carlos Zúñiga-Pflücker
RNA-binding proteins Zfp36l1 and Zfp36l2 protect against premature thymic involution
- 09:20 – 09:40 Nuno Alves
ZFP36 RNA-binding proteins cooperate in thymic epithelial cells to promote thymus function
- 09:40 – 09:52 Michael Dandrea
Apototic control of thymic mimetic cells
- 09:52 – 10:04 Kristin Rattay
Ehf and Fezf2 regulate thymic tissue homeostasis and thymic tuft cell development

Coffee Break

Session 2. Thymic environment and autoimmune (Chaired by Nuno Alves)

- 10:35 – 10:55 Mark Anderson
Autoimmune lipodystrophy: a clinical syndrome revealed through a defect in Aire and central tolerance
- 10:55 – 11:15 Pärt Peterson
Aire controls thymic T1 IFN signaling and immune tolerance
- 11:15 – 11:35 Taishin Akiyama
A sequential transcriptional relay for central tolerance in medullary thymic epithelial cells
- 11:35 – 11:55 Matthieu Giraud
Cross-species thymic epithelial chromatin accessibility pinpoints HIVP3 as a guardian of central tolerance
- 11:55 – 12:07 Andri L Lemarquis
Thymic aging restricts T cell production through adipocyte niche expansion and AP-1 epigenetic remodeling of thymocytes
- 12:07 – 12:19 Sungrim Seirin-Lee
Th1, Th2, and Regulatory T Cells Defines Autoimmune Stability and Endotypes in Alopecia Areata

Lunch & Poster viewing

Session 3. Antigen presentation in the Thymus (chaired by Izumi Ohigashi)

- 14:00 – 14:20 Michael Robert Waterfield
Thymic alveolar type II epithelial mimetic cells revealed by Runx1-deficiency
- 14:20 – 14:40 Yousuke Takahama
Characterization of beta5t-dependent MHC-I-associated thymic peptides
- 14:40 – 15:00 Ann Griffith
Sustained thymic stromal FGF21 expression improves peripheral CD4+ and CD8+ T cell effector responses during aging
- 15:00 – 15:20 Paola Bonfanti
Modelling the human postnatal thymus reveals stromal organisation shaping T cell development and immune ageing
- 15:20 – 15:32 Giuseppe Sangiorgio
Modeling genetic thymus disorders with induced pluripotent stem cell-derived thymic epithelial progenitor cells and mesenchymal stem cells

Coffee

Session 4. Thymic environment and others (chaired by Tomokatsu Ikawa)

- 16:00 – 16:20 Izumi Ohigashi
Ccl21a, rather than Ccl21b, is essential for thymocyte migration in mouse
- 16:20 – 16:40 Daniel Gray
A tumor suppressor function for pro-survival BCL-2 proteins in the thymus
- 16:40 – 17:00 Haopeng Wang
Mechanisms Underlying LAG3 Immune Checkpoint Function
- 17:00 – 17:20 Lisa Reynolds
Eosinophils are not required for recovery of the thymus after pregnancy-induced thymic involution
- 17:20 – 17:40 Shinichiro Sawa
A hierarchical Rorc(γ t) cis-regulatory cascade orchestrates differentiation of ROR γ t⁺ innate immune cells
- 17:40 – 17:52 Alexandra Kreins
Allogeneic thymus transplantation reveals chimeric thymic niches enabling immune reconstitution in congenital athymia
- 17:52 – 18:04 David Machac
Safeguarding early-life microbiota: the role of stem-like Sca-1⁺ ROR γ t⁺ Tregs
- 18:04 – 18:16 Sina Zargaran
Oral bacterial dysbiosis drives autoimmune heart disease via molecular mimicry
- 18:16 – 20:30 **Poster session-1**

Wednesday 27 May

Session 5. Early thymocyte differentiation (Chaired by Motoko Kimura)

- 8:40 – 9:00 Masaki Miyazaki
Single-cell Multiome analysis reveals T-lineage commitment instructed by an E2A-Notch1 feedback amplifier circuit during thymic ontogeny.
- 9:00 – 9:20 Fotini Gounari
Tcf-1 integrates Runx1 and Satb1 to control developmental kinetics during thymic selection
- 9:20 – 9:40 Ellen V. Rothenberg
Post-transcriptional regulation and dose dependent transcription factor actions control T-cell gene regulatory network dynamics
- 9:40 – 9:52 Tsukasa Shigehiro
Identification and characterization of human T/NK-restricted progenitors during early T cell development.
- 9:52 – 10:04 Yuichi Kama
Fluctuations in iron metabolism control the kinetics of T cell development via Bach transcription factors

Coffee

Session 6. Selection of thymocytes (Chaired by Ellen V. Rothenberg)

- 10:35 – 10:55 Remy Bosselut
A putative Bcl2l11 (Bim) cis-regulatory element promotes the deletion of self-reactive thymocytes.
- 10:55 – 11:15 Hilde Cheroutre
The pre-TCR controls the self/ non-self T cell paradox
- 11:15 – 11:35 Kieran James
Tonic IL4 signalling determines the maturity of post-selection thymocytes by controlling their intrathymic dwell time.
- 11:35 – 11:55 Virginia Shapiro
HDAC3 enzymatic activity is not required for CD4 lineage development
- 11:55 – 12:07 Ryunosuke Muro
Cis-regulatory elements for Zap70 expression in T cell fate decisions
- 12:07 – 12:19 Mary Attaway
Ets1 supports negative selection by limiting CD8aa IEL differentiation

Lunch & Poster viewing

Session 7. Lineage selection (Chaired by Hiroyuki Hosokawa)

- 14:00 – 14:20 Miho Shinzawa
Coreceptor sequestration explains why NKT cell development is signaled by FYN but not LCK
- 14:20– 14:40 Tarik Moroy
RNA helicase DDX3X controls late thymic maturation of CD4⁺ and CD8⁺ T cells
- 14:40– 15:00 Motoko Y Kimura
Fate-mapping reveals liver-resident neonatal T cells
- 15:00– 15:20 Cara Brown
The $\alpha\beta$ T and B cell lineages have multiple Impacts on $\gamma\delta$ T cell subsets
- 15:20– 15:32 Hailyn Nielsen
High BIM expression among SP8 thymocytes masks a latent FOXP3⁺ regulatory fate

Coffee

Session 8. Epigenetic regulation (Chaired by Wilfried Ellmeier?)

- 16:00– 16:20 Frank JT Staal
The epigenetic reader MORC3 is required for T cell development in the thymus
- 16:20– 16:40 Andreas Krueger
Multi-level control of thymic selection by microRNA
- 16:40– 17:00 Lena Boehme
Effector identity and tissue tropism of human postnatal non-V γ 9V δ 2 $\gamma\delta$ T cells are established during intrathymic development
- 17:00– 17:20 Taras Kreslavsky
Non-clonotypic interaction of V δ 7 TCRs with IL17 receptor A chain drives The differentiation of Th1-like $\gamma\delta$ T cells
- 17:20– 17:40 Khashayarsha Khazaie
CLOCK is an epigenetic integrator of circadian rhythm and T cell immunity
- 17:40– 17:52 Shiyun Xiao
Extrinsic factors significantly influence thymus development in fetal Thymus-Kidney transplantation
- 17:52– 18:04 Ulus Atasoy
Conditional ablation of HuR in different CD4⁺ lineages alters cell fate and outcomes by controlling transcription factor mRNA stabilization
- 18:04– 18:16 Ioannis Sarropoulos
Decoding gene regulation in the human thymus
- 18:16 – 20:30 **Poster session-2**

Thursday 28th May

Session 9. Regulatory T cells and autoimmune (Chaired by Shohei Hori)

- 08:40 – 09:00 Ryuichi Murakami
Dynamic and direct regulation of Treg cis-regulatory programs by Foxp3
- 09:00 – 09:20 Yungling Leo Lee
AhR-Dependent Epigenetic Programming of CCR6 Drives Regulatory T Cell Migration to the Skin
- 09:20 – 9:40 Shunsuke Mori
Discrimination of Self and Neoself Antigens by T Cells in Immune Homeostasis
- 09:40 – 10:00 Eliisa Kekäläinen
Reduced AIRE⁺ Thymic Epithelial Cells and Follicular T-Cell Imbalance in Early-Onset Myasthenia Gravis
- 10:00 – 10:12 Shunsuke Chikuma
Roles of TRIM28 in Cancer-Associated effector Treg Function

Coffee

Session 10. Effector T cells (Chaired by Tadashi Yokosuka)

- 10:40 – 11:00 Jung-Hyun Park
CD4 coreceptor expression defines functionally divergent subsets of thymic iNKT cells
- 11:00 – 11:20 Barbara Kee
Development and function of specified thymic iNKT1 cells critically depend on an Ets1-Tbet transcription factor network
- 11:20 – 11:40 Wilfried Ellmeier
A Multi-Omics View on Protein Acetylation Networks in Th Cells
- 11:40 – 11:52 Shlomit Reich-Zeliger
Spatial stochasticity in lymph node microdomains optimizes host protection and enforces self-tolerance
- 11:52 – 12:04 Makoto Ando
Context-dependent regulation of CAR T cell function and fitness by fatty acids
- 12:04 – 12:16 Emma Lederer
Maternal antibodies influence T cell selection against gut commensals

Lunch

13:00– 13:40

13:40 – 13:55

Sponsor talk by Collecta, Inc.

Alex Chenchik, Ph.D., President and Chief Scientific Officer
**Integrated Immune Profiling for Rapid Antigen-Specific Clonotype
Discovery**

Free and optional tours

18:30 – 21:30

Banquet dinner @ 4F Room Gyoung, Hotel Okura

Friday 29th May

Session 11. T cells in tissues (Chaired by Yasutoshi Agata)

- 08:40 – 09:00 Yusuke Endo
The novel function of lipid flux on ROR γ t-mediated Th17 cell pathogenicity
- 09:00 – 09:20 Nathalie Labrecque
The deubiquitinase BAP1 controls CD8⁺ T cell expansion
- 09:20 – 09:40 Dorina Avram
Transcriptional and Epigenetic Control of CD8⁺ Tumor Infiltrating Lymphocytes and opportunities for improvement by reprogramming
- 09:40 – 09:52 Yusuke Takeuchi
Tissue-restricted secondary TCR engagement drives pathogenic diversification of arthritogenic Th17 cells in autoimmune arthritis
- 09:52 – 10:06 Chun-Hsi Su
The tyrosine phosphatases PTPN1 and PTPN2 limit CD8 T cell differentiation and function in chronic LCMV infection and cancer

Coffee

Session 12. Ageing and T cells (Chaired by Kazuyo Moro)

- 10:35 – 10:55 Nicole L La Gruta
Granzyme K mediates age-related tissue remodeling and functional decline independently of immune aging
- 10:55 – 11:15 Wan-Lin Lo
Age-Tuned T Cell Signaling in Establishing Tolerance
- 11:15 – 11:35 Janko Z. Nikolic
Collapse of LN stromal structures with aging: metabolic and cross-talk aspects
- 11:35 – 11:55 Andreas Tarceviski
Spatial multiomics analysis of thymic ageing reveals changes in microenvironmental organization impacting T cell selection
- 11:55 – 12:07 You Jeong Lee
AP-1 and RUNX2 regulons drive the differentiation of cytotoxic resident memory T cells in alopecia areata
- 12:07 – 12:19 Yosuke Nagahata
Evolutionary history of blood cells is reciprocally carved in hematopoiesis

Lunch

Session 13. Clinical applications (Chaired by Hideki Ueno)

- | | |
|---------------|--|
| 13:30 – 13:50 | Benedict Seddon
Contrasting roles for IKK regulated inflammatory signalling pathways in the development and maintenance of different non-conventional T cell populations |
| 13:50 – 14:10 | Yoko Hamazaki
Lineage-Biased Induction of TEC Subsets in a Fully in vitro Human iPSC-Based TEC Differentiation Platform |
| 14:10 – 14:30 | Taisuke Kondo
Arginine Rewires eIF4F Translation Initiation to Overcome Fever-Induced CAR T-Cell Dysfunction |
| 14:30 – 14:50 | Hiroshi Kawamoto
Development of universal off-the-shelf T cells regenerated from pluripotent stem cells for the treatment of COVID-19 |
| 14:50 – 15:10 | Osamu Takeuchi
Immune regulation via the control of mRNA decay |
| 15:15 | Closing remarks by Ichiro Taniuchi |

Tuesday May 26th

Poster session -1

P1. Yong Jiang

Ubiquitination acts as a molecular switch to activate LAG3 signaling

P2. Rebecca A. Jaeger

Refining the role of IRF4 in the function of regulatory T cells

P3. Iquo Oyohosuo Phillip

Aryl Hydrocarbon Receptor (AhR)-mediated mitochondrial metabolic reprogramming in regulatory T cell fate determination

P4. Elizabeth Mills

Molecular determinants linking Trisomy 21 to impaired thymopoiesis in individuals with Down Syndrome

P5. Margarida Paulo-Pedro, Beatriz Moleirinho

Human Congenital Athymia due to FOXP1 Mutation: From Newborn Aberrant T Cells to the Adulthood Outcomes of Thymic Transplantation

P6. Margarida Paulo-Pedro

Thymectomy in Early Infancy Imprints a Signature of CD4 T Cell Resilience in Adulthood

P7. Beatriz Moleirinho

Learning with the Human MHC Class-II Deficiency

P8. Reiko Hidaka

Two conserved E-box motifs in the Rag1 promoter serve as a molecular switch for V(D)J recombination of TCR and IgH genes.

P9. Kewei Ye

Non-clonotypic interaction of V δ 7 TCRs with IL17 receptor A chain drives the differentiation of TH1-like $\gamma\delta$ T cells

P10. Yongjun Koh

Cartilaginous fish thymus cell atlas illuminates the origin of vertebrate T cell lineages

P11. Francesca Pala

TSLP Compensates for IL-7 Deficiency in Human T Cell Development

P12. Joshua Fialho

Investigation of SARS-CoV-2 Nucleocapsid specific T cell memory and its potential cross-reactivity with self and microbial epitopes

P13. Hsiu-Han Fan

Thymic macrophages orchestrate iron recycling to fuel T cell development through Ferroportin

P14. Masaki Fujishiro

Investigation of a gene regulating T cell activation in a ulcerative colitis mouse model

P15. Anssi Kesäläinen

Childhood mortality and morbidity following thymectomy in pediatric cardiac surgery

- P16. Hui Kuei Cheng
Single-Cell Multiomic Profiling of Human $\gamma\delta$ T Cell Differentiation to Study Developmental Trajectories of V δ 1 vs. V δ 2 $\gamma\delta$ T cells
- P17. Yu Chien Ma
Mechanisms of Maintaining Thymic Macrophages to Promote T Cell Tolerance
- P18. Andrea Maione
Enhancing the Artificial Thymic Organoid for the generation of antigen- specific regulatory T cells to treat autoimmune diseases
- P19. Eli Benuck
Spatial mapping of thymocyte development and thymic support cells with single-cell resolution
- P20. Ren-In You
Regional Oral Tolerance Induction via a Peptide–Nanoparticle Vaccine Reprograms the Follicular Immune Microenvironment
- P21. Gloria Magro
Decoding RAG variant pathogenicity through integrated functional, structural, and metabolomics analysis
- P22. Hirohito Ishigaki
CD4 CD8 double positive T cells could be developed from CD4 single positive T cells in the presence of IL-7 and IL-6 in vitro.
- P23. Seiji Nagano
Generation of CTLs from iPSCs transduced with TCR genes: development of “TCR cassette” method
- P24. Camille Kergaravat
Human thymopoiesis is genetically shaped by a polymorphism at the TRA–TRD locus
- P25. Martijn Cordes
The Human Thymus is a Niche for Specialized B Cell Differentiation
- P26. Masashi Kanayama
Identification and characterization of lymphoid-derived cDCs
- P27. Chia-Yin Lee
The roles of type I and type III interferons in thymic macrophage function and T cell tolerance
- P28. Yuji Nishimura
Regulatory T cells show differential therapeutic effects in chronic autoimmune conditions depending on target tissue
- P29. Tal Givony
Transcriptional and Spatial Remodeling of Thymic B Cells in Aged and Mimetic Deficient Thymus
- P30. Ondrej Ballek
Interplay of cytoskeleton and membrane morphology during formation of immunology synapse

- P31. Dominique M. Gatti
Eosinophil-deficient mice have a lower abundance of the FoxP3^{lo} precursor and regulatory T cells in the thymus during early life
- P32. Laura I. Gonzalez
Humanized DRAGA mouse recapitulates human T-cell differentiation in the mouse thymus with HLA-matched donors
- P33. Nanako Yasujima
Regulation of lung tissue-resident Treg cells and TCR specificity by CD69
- P34. Anja Kusch
Regeneration of thymic immunity using thymopoietics
- P35. Oahida Akter
Cross-reactive immune responses of seasonal coronavirus infection against SARS-CoV-2 in cynomolgus macaques
- P36. Chang-Chi Hsieh
Carnosine Attenuates Allergic Inflammation and Promotes Hair Follicle Regeneration in OVA-TNCB Induced Murine Model of Atopic Dermatitis
- P37. Zhizhen Qin
Unraveling relevance of phosphorylation on multiple tyrosine residues in Runx1 during thymocyte differentiation
- P38. Yu-Chen Liu
Deep characterization of T cell receptor repertoires in elderly atomic-bomb survivors
- P39. Tomoyoshi Yamano
A role of extracellular vesicles in T cell development
- P40. Nicole Renée van Bockhooven
Generating Thymic Epithelial Cells from iPSCs through Directed Differentiation and Overexpression of FOXN1
- P41. Hung Hiep Huynh
Lipid nanoparticle-based mRNA: a potent vaccine with unconventional immune responses
- P42. Eri Ishikawa
Protein kinase D-Ikaros axis couples invariant TCR to iNKT cell development
- P43. Elise Helena Armulik
The role of TLR pathways in murine thymic cell development
- P44. Corrine Ying Xuan Chua
A Bioengineered Lymphoid Platform for In Situ Programming of Antigen-Specific Cytotoxic and Regulatory T Cells
- P45. Igor Bychkov
The role of E protein control of TCF1 in $\gamma\delta$ T cell development
- P46. Jiangyuan Li
Investigating Sex Differences in the CD4 lineage T Cell Development within the Human Neonatal Thymus

Tuesday May 27th

Poster session-2

P47. Martti Laan

Alopecic Skin Escapes Neutralizing Anti-Interferon Autoantibody–Mediated Suppression in Aire-Deficient Rats

P48. Daehong Kim

Longitudinal serum proteomic states tract T-cell reconstitution and reveal early “GvHD- like” immune activation after pediatric hematopoietic stem cell transplantation

P49. Jan Kranich

In vivo mapping of extracellular vesicle binding reveals B cell-T cell crosstalk

P50. Monica Prechtl

Plasmacytoid DCs Deliver Extracellular Vesicle Antigens to the Thymus to Induce T Cell Tolerance

P51. Charleen Plaisse

Engineering Off-the-Shelf CD8⁺ Regulatory T Cells from Hypoimmunogenic iPSCs

P52. Marita Bosticardo

Characterization of human thymus microenvironment in patients with Trisomy 21

P53. Hayley Michelle Raquer

A Thymic Organoid Screening Platform to Identify Drivers of Age-Related Thymic Involution

P54. Di Zheng

Purification of early CD5⁺CD7⁺ subset improves the fitness of iPSC-derived T cells

P55. Xin Gao

B cell targeting parasite capture spatially linked antigen to secure T cell help

P56. Toshio Kanno

Suppression of monounsaturated fatty acid biosynthesis triggers STING Activation via self-genomic DNA

P57. Reiko Tsukazaki

A platelet-specific self-antigen drives differentiation of effector-memory regulatory T cells expressing public TCR clonotypes

P58. Pei-Yuan Tsai

To investigate the role of glutamate transporter SLC1A3 in resident thymic macrophages and neuro-immune regulation in the thymus

P59. Emel Kökrek

Integrative Analysis of Aging-Associated Chromatin Accessibility in Foxp3-Organized Regulatory T Cell Programs

P60. Kevin Julio Wijanarko

iPSC-derived V γ 9 δ 2 T-cells: an Exploratory Platform

P61. Huai Hui Wong

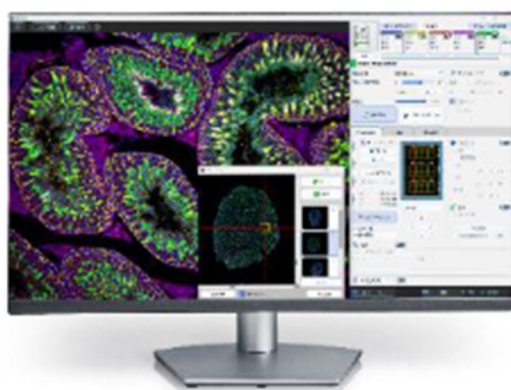
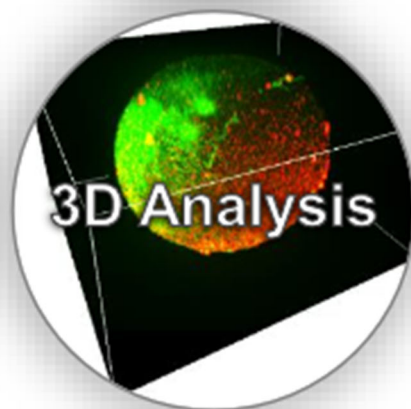
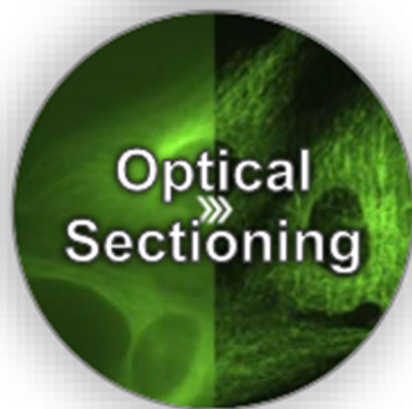
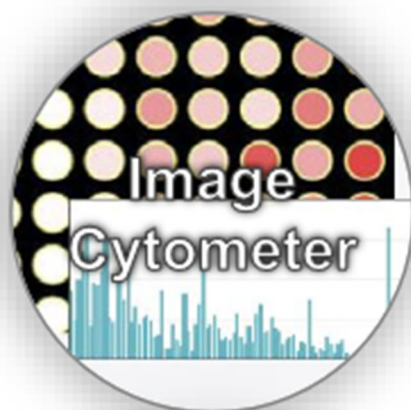
Investigating the association between immunosenescence and long COVID

- P62. Ottavia Maria Delmonte
Multimic dissection of T cell abnormalities in STAT1GOF and STAT3DN diseases
- P63. Alexander S Baker
3D suspension-based differentiation of Thymic Epithelial Cells from Pluripotent Stem Cells
- P64. Kevin Ly
Recent Thymic Emigrants Promote Early Life Tolerance Towards Skin Commensals
- P65. Brendan W MacNabb
Gata3 dose is a key regulator of fetal/adult differences in T-cell development
- P66. Masao Itahara
Prevention of NK cell-mediated rejection by using mAbs for inhibitory receptors of NK cells
- P67. Tomohiro Kashikawa
Role of Ambra1 in Metabolic Control of Adipose Tissue
- P68. Sarah M Russell
Controlling beta-selection fate in the thymus
- P69. Manu Singh
Expanded T cell clones with lymphoma driver somatic mutations accumulate in refractory celiac disease
- P70. Cheng-Yu Tsai
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