

SCIENTIFIC
PROGRAM



JUNE
9-12

FOccis[®]
2026

ANNUAL MEETING
SAN FRANCISCO, CA

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FOCIS gratefully acknowledges the support that allows FOCIS to fulfill its mission to apply the science of immunology to improve human health through interdisciplinary research, education, communication, and collaboration.

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Dear Colleagues,

Greetings and welcome to FOCIS's highly anticipated **26th Annual Meeting** – the leading event in translational immunology! We are pleased to announce that we are expecting 800 delegates this week, a testament to the unwavering popularity of this event.

The **FOCIS 2026 Annual Meeting** will showcase groundbreaking scientific achievements and current issues in translational immunology. The meeting features **11 Member Society Symposia**, now included in the main program of the meeting. We are honored to have four highly respected keynote speakers this year: **Jonathan Kipnis, PhD** (Washington University in St. Louis), delivering the Opening Keynote on CNS Immune Privilege; **Ignacio Anegon, MD** (INSERM-Nantes University, FOCIS President), presenting the Robert B. Nussenblatt Presidential Lecture on CD8+ Treg Cells; **Samra Turajlic, MD, PhD** (The Francis Crick Institute); and **Ananda Goldrath, PhD** (University of California, San Diego), closing the meeting with a keynote on T Cell Immunity in Tissues and Tumors. I am eagerly anticipating the morning plenaries followed by thematic and oral abstract sessions that will provide exceptional opportunities to explore pathologies across many diseases and research areas.

Our evening receptions provide unique opportunities to mingle and exchange ideas with poster presenters, exhibitors, and industry associates. With over 300 posters on display, FOCIS takes great pride in featuring the contributions of our colleagues from around the world, representing the diverse and interdisciplinary nature of immunology.

Ahead of the main program, attendees have the opportunity to participate in our **FOCISed Courses** – intensive, separately registered educational programs designed to deepen expertise across key methodological and scientific domains. This year's offerings include the **Clinical Immunology Course** directed by Alexis Kalergis, PhD; the **Systems Immunology Course** directed by Magnus Fontes, PhD and Emanuele de Rinaldis; and the **Multiparameter Immunophenotyping Course** directed by Holden Maecker, PhD. These courses offer an unparalleled opportunity to build and sharpen skills at the frontier of immunological science.

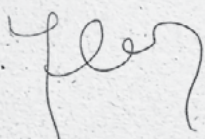
FOCIS's scientific and organizational excellence is made possible by the dedication of our many volunteer committees. From the Scientific Program Committee that shapes the intellectual content of this meeting, to committees focused on membership, education, communication, inclusion and representation, industry relations, and FOCIS Centers of Excellence, our community of engaged leaders is central to our mission. We invite you to learn more about FOCIS committees and the many ways to get involved at focisnet.org.

We extend our deepest gratitude to the sponsors and supporters whose generosity makes this meeting possible. We are proud to recognize the contributions of our 2026 sponsors and supporters, including **Eli Lilly, Gilead Sciences, Amgen, Biogen, BioLegend/Revvity, Bristol Myers Squibb, Alamar Biosciences, Arcus Biosciences, Pfizer, Sanofi Genzyme, Merck, Janssen, Autoimmune Association, Breakthrough T1D, The Immune Tolerance Network**, the 15 exhibitors, and others. Their investment in FOCIS reflects a shared commitment to accelerating translational immunology for the benefit of patients everywhere. A full list of sponsors and exhibitors is available in your program materials.

Please join me in thanking the Scientific Program Committee, chaired by Megan Cooper, MD, PhD, session chairs, speakers, supporters, and exhibitors for this outstanding program. Together, they have created an ideal environment for collaboration, learning, and scientific advancement.

Thank you for joining us in **San Francisco**. Your presence is greatly appreciated as we continue to advance translational immunology through FOCIS.

Sincerely,



Ignacio Anegon, MD
Nantes University
FOCIS President



Scientific Program Committee



Megan Cooper, MD, PhD
Washington University
in St. Louis
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Medicine



Dimitrios Wagner, MD, PhD
Baylor College of Medicine
Abstract Chair

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General Information

Evaluations

During the meeting, delegates will receive daily emails with reminders and a link to the meeting evaluation. The evaluations are also linked to the mobile app

Wi-Fi

There is free, basic Wi-Fi access in the FOCIS meeting spaces. Please limit use to online browsing and email checking; downloading and uploading files is not permitted due to bandwidth constraints.

Network: FOCIS_2026

Password: immunology

Exhibit & Poster Hall Hours

Tuesday, June 9: 5:15 PM – 6:30 PM

Wednesday, June 10: 7:30 AM – 8:05 PM

Thursday, June 11: 7:30 AM – 8:15 PM

Member Lounge (FOCIS Members Only)

Yerba Buena South Assembly Foyer

FOCIS members enjoy a place to come and sit down, charge their phones and other electronics, enjoy handcrafted espresso drinks, and socialize with other members. Visit the Member Lounge anytime from 7:00 am to 4:00 pm Tuesday through Thursday and 7:00 am to 12:30 pm on Friday.

Poster Set-Up and Take-Down Hours

Salon 9

Tuesday, June 9 Set up: 4:00 PM – 5:00 PM

Take down: 6:30 PM – 6:45 PM

Wednesday, June 10 Set up: 7:00 AM – 8:00 AM

Take down: 8:05 PM – 8:20 PM

Thursday, June 11 Set up: 7:00 AM – 8:00 AM

Take down: 8:15 PM – 8:30 PM

Registration and Speaker Check-In Hours

Speaker Ready Area

(located at the FOCIS Registration Desk)

Monday, June 8 12:00 PM – 5:00 PM

Tuesday, June 9 7:30 AM – 5:00 PM

Wednesday, June 10 7:30 AM – 5:00 PM

Thursday, June 11 7:30 AM – 5:00 PM

Friday, June 12 7:30 AM – 12:00 PM

Speakers

Speakers must check into the speaker-ready area (FOCIS Registration Desk) at least 24 hours before the session begins. Member Society Symposia must bring their slides directly to the presentation room.

Photography Policy

Please refrain from taking pictures during the sessions, exhibits, or poster hall. FOCIS has a professional photographer who will capture the meeting, and the photos will be shared with attendees after it concludes.

Release

Registration and attendance at, or participation in, FOCIS meetings and other activities signify the delegate's consent to FOCIS' use and distribution (both now and in the future) of their voice or image in pictures, electronic recordings, and other media.

By attending, you acknowledge that there is an inherent risk of exposure to communicable diseases in any public place where people are present. You voluntarily assume all risks related to exposure and agree not to hold the Federation of Clinical Immunology Societies (FOCIS) or any of its affiliates, directors, officers, employees, agents, contractors, or volunteers liable for any illness or injury.

Attendee Quiet Room

FOCIS attendees may sign up to use the Quiet Room for personal needs only (no business meetings), including nursing, prayer, meditation, etc. Please visit the FOCIS Registration Desk to reserve a time; space is available on a first-come, first-served basis.

Share Your Experience!

Share photos, comments on the sessions, changes you want to make because of what you learned, or engage with other attendees across all social media platforms! Use the hashtags **#FOCIS** or **#FOCIS2026** so your post can be shared across our networks!

- Facebook: @focisimmunology
- X @focisimmunology and @Focis_FCE
- LinkedIn: Federation of Clinical Immunology Societies (FOCIS)
- Bluesky: @focisimmunology.bsky.social

Certificate of Attendance

After the meeting, an online evaluation is available.

After completing the evaluation, you will receive a link to the attendance certificate request online form. Following submission, an electronic certificate (PDF file) will be sent to you. If needed, you can email info@focisnet.org to follow up on your request for a certificate of attendance.

Questions

Contact the FOCIS staff at info@focisnet.org or visit the registration desk.

[To view the latest content, please visit the online program here!](#)

SCIENTIFIC PROGRAM SCHEDULE

Monday, June 8

Registration Open

7:00 AM – 5:00 PM

South Registration Desk, Lower B2 Level

Pre-Meeting FOCISed Courses

(separate registration required for each)

Clinical Immunology Course – Full Day

7:30 AM – 3:30 PM

Salons 10-11, Lower B2 Level

Course Directors:

- Alexis Kalergis, PhD, Millennium Institute on Immunology and Immunotherapy, Pontificia Universidad Católica de Chile

Speakers:

- Mark Anderson, MD, PhD, University of California – San Francisco
- Susan Bueno, PhD, Pontificia Universidad Católica de Chile
- Olivier Boyer, MD, PhD, Normandy University
- Stephanie Eisenbarth, MD, PhD, Northwestern University Feinberg School of Medicine
- Monica Guzman, PhD, Weill Cornell Medicine
- Elena Hsieh, MD, University of Texas Southwestern
- Gregoire Lauvau, PhD, Albert Einstein College of Medicine
- Jonathan Maltzman, MD, PhD, FAST, Stanford University
- Natalie Mazur, MD, PhD, Wilhelmina Children's Hospital, The Netherlands

Joshua Thurman, MD, University of Colorado

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Systems Immunology Course – Day 1

1:00 PM – 5:00 PM

Nob Hill A-D, Lower B2 Level

Course Directors:

- Magnus Fontes, PhD, Roche
- Emanuele de Rinaldis, PhD, Sanofi

Speakers:

- Magnus Fontes, PhD, Roche
- Charles Fulco, PhD, Sanofi
- Cameron MacPherson, PhD, Roche
- Emanuele de Rinaldis, PhD, Sanofi

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Multiparameter Immunophenotyping Course (Flow Cytometry) – Half Day Only

1:00 PM – 5:00 PM

Salons 12-13, Lower B2 Level

Course Director:

- Holden Maecker, PhD, Stanford University

Speakers:

- Caroline Duault, PhD, PharmD, Stanford University
- Maria Jaimes, PhD, Cytek Biosciences



Tuesday, June 9

Registration Open

7:00 AM – 5:00 PM

South Registration Desk, Lower B2 Level

Pre-Meeting FOCISed Courses

(separate registration required for each)

Systems Immunology Course – Day 2

8:00 AM – 12:00 PM

Nob Hill A-D, Lower B2 Level

Course Directors:

- Magnus Fontes, PhD, Roche
- Emanuele de Rinaldis, PhD, Sanofi

Speakers:

- Magnus Fontes, PhD, Roche
- Charles Fulco, PhD, Sanofi
- Cameron MacPherson, PhD, Roche
- Emanuele de Rinaldis, PhD, Sanofi

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Member Society Symposia

12:00 PM – 3:00 PM

Molecular Basis for Immunological Diseases: Insights from the Latin-American Region

Co-Chairs: Pablo González, PhD, Pontificia Universidad Católica de Chile and Emilio Malchiodi, PhD Universidad de Buenos Aires
Salons 5-6, Lower B2 Level

Organized by:



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Mexican
Translational
Immunology
Research Group



FCE Centre of Translational
Immunology (CTI)



12:00 PM **From Toxins to Tools: Superantigens as Precision Immune Modulators**

Marisa M. Fernández, PhD, Universidad de Buenos Aires, UBA-CONICET

12:30 PM **Modulation of B cell Responses by NKT cells**

Leandro J. Carreño, PhD, Millennium Institute on Immunology and Immunotherapy, Universidad de Chile

1:00 PM **Addressing HTLV Infection in Uruguay: From Diagnosis to Viral and Immunological Characterization**

Florencia Rammauro, PhD, Universidad de la República, Institut Pasteur de Montevideo

1:30 PM **Targeting of HPV16 E5 to Dendritic Cells Induces Prophylactic and Therapeutic Protection Against a HPV-16-associated Mouse Tumor Model**

Fernando Esquivel, PhD, MEXTIRG, Universidad Autónoma del Estado de Morelos

2:00 PM **Neurological Inflammation Upon Herpes Simplex Virus Asymptomatic Infection**

Luisa Fernanda Duarte, PhD, Millennium Institute on Immunology and Immunotherapy, Universidad del Desarrollo

2:30 PM **Pivotal Roles of Heme Oxygenase 1 in Counteracting Herpes Simplex Virus Replication and Disease**

Pablo González, PhD, Millennium Institute on Immunology and Immunotherapy, Pontificia Universidad Católica de Chile

Pathogenic B cells in Autoimmunity: Genetic Drivers, Disease Endotypes and Therapeutic Targets

Co-Chairs: Lynn Hassman, MD, PhD, University of Colorado and Shilpa Kodati, MD, MDS, University of Michigan
Salons 10-11, Lower B2 Level

Organized by:



12:00 PM **Opening Remarks**

12:01 PM **Extrafollicular B cell-T cell Interactions in Autoimmunity**

Deepak Rao, MD, PhD, Harvard University

12:31 PM **Linking Genetic Risk to B cell Dysfunction: Mechanisms of IL12A-mediated DN2 B cell Expansion in SLE**

Mariasilvia Colantuoni, PhD, Harvard Medical School - Boston Children's Hospital

12:48 PM **Spatial Biology of Tubulointerstitial and Uveitis (TINU) Syndrome: Resolving the Kidney-eye Connection**

Shaun Jackson, MD, PhD, University of Washington

1:05 PM **B cells Inside and Outside of Tertiary Lymphoid Structures in Cancer: How Do They Function?**

Tulia Bruno, PhD, UPMC Hillman Cancer Center

1:22 PM **Polyreactive Pathogenic B cells and Type 1 Diabetes Endotypes**

Mia Smith, PhD, University of Colorado

1:39 PM **Extrafollicular B cells Define a Novel Endotype in Uveitis**

Lynn Hassman, MD, PhD, University of Colorado

1:56 PM **Pathogenic B cells in CNS Autoimmunity: From Pathogenic Mechanisms to Therapeutic Success**

Jeff Bennett, MD, PhD, University of Colorado

2:26 PM **Paraneoplastic Disease: Clinically Apparent Roles for B cells in Cancer-Associated Retinopathy**

Lucia Sobrin, MD, Harvard Medical School

2:43 PM **Open Questions and Opportunities in B cell Therapeutic Translation Panel Discussion**

Invited Industry Session (Open to All Attendees)

1:00 PM – 2:45 PM

Salon 8, Lower B2 Level

In Vivo CAR T cell Generation: An Industry View Approach

Chair: Natasha Crellin, PhD, Gilead

Co-Chair: Dimitrios Wagner, MD, PhD, Baylor College of Medicine

1:00 PM **Realizing the Promise of In Vivo CAR T Products**

James Andorko, PhD, Kite Pharma

1:30 PM **Advancing In Vivo CAR T cell Delivery in Oncology and Autoimmune Disease**

Ryan Larson, PhD, Umoja Biopharma

2:00 PM **Advancing In Vivo RNA CAR Therapies Toward Clinical Use in Autoimmune Diseases and Oncology**

Gilles Besin, PhD, Bristol Myers Squibb

2:30 PM **Roundtable Discussion**

Sponsored by:



Plenary Session: Immune Microenvironment Interactions

3:00 PM – 4:30 PM

Salon 8, Lower B2 Level

Chair: Deepak Rao, MD, PhD, Harvard University

Co-Chair: Jian Cui, Vanderbilt University Medical Center

3:00 PM **EBV in Autoimmune Disease**

William Robinson, MD, PhD, Stanford University

3:30 PM **Microbiota-immune Interactions in Neuroinflammation**

Anne-Katrin Pröbstel, MD, PhD, University of Bonn, University Hospital Bonn, Center for Neurology and Clinic for Neuroimmunology and for Neuromuscular Diseases

4:00 PM **Gut-associated Lymphoid Tissue: Protecting a Hostile Frontier**

Jo Spencer, PhD, King's College London

Opening Keynote Address

4:30 PM – 5:15 PM

Salon 8, Lower B2 Level

Chair: Megan Cooper, MD, PhD, Washington University in St. Louis



What is CNS Immune Privilege (Not)?

Jonathan Kipnis, PhD, Washington University in St. Louis

Exhibit and Poster Opening Reception (Authors Present)

5:15 PM – 6:30 PM

Salon 9, Lower B2 Level

Wednesday, June 10

Registration Open

7:00 AM – 5:00 PM

South Registration Desk, Lower B2 Level

Coffee with Exhibitors ☕

7:30 AM – 8:00 AM

Salon 9, Lower B2 Level

Plenary Session: Immune Receptors in Health and Disease

8:00 AM – 9:30 AM

Salon 8, Lower B2 Level

Chair: Yannick Muller, MD, PhD, CHUV

Co-Chair: Elizabeth Schmitz, Washington University in St. Louis

8:00 AM **Understanding and Exploiting Cytokine and Cellular Activity in the Extracellular Environment**

Suman Mitra, PhD, INSERM UMR1277- University of Lille

8:30 AM **Opioid Signaling Shapes CD8+ T cell Differentiation During Tumor Progression**

Ana Anderson, PhD, Harvard University

9:00 AM **Immunopharmacology of PD-1 Pathway Blockade**

John Wherry, PhD, University of Pennsylvania

Coffee Break with Exhibitors ☕

9:30 AM – 10:00 AM

Salon 9, Lower B2 Level

Thematic Symposia

10:00 AM – 11:45 AM

Modeling Human Immune Microenvironments

Chair: Timothy Tree, PhD, King's College London

Co-Chair: Yona Lei, Yale University

Salon 3-6, Lower B2 Level

10:00 AM **Using Human Organoids to Model Epithelial-immune Interactions in Health and Disease**

Calvin Kuo, MD, PhD, Stanford University

10:25 AM **Regulatory T cells Augment Human Intestinal Epithelial Stem Cell Function Through a PDGF-AA-Dependent Pathway**

Neetu Saini, PhD, Stanford University

10:40 AM **Engineering Patient-specific Lymphoid Organs in Microfluidic Devices and Beyond**

Girija Goyal, PhD, Wyss Institute

11:05 AM **Type I Interferon Signaling Instills Divergent Metastatic Phenotypes and Immunotherapy Responses**

Cort Breuer, Stanford University

11:20 AM **Harnessing Tumor Macrophage Heterogeneity and Functions**

Florent Ginhoux, PhD, Gustave Roussy

Precision Immunology for Infectious Diseases: Mechanisms, Vaccines, and Therapeutics

Chair: Alexis Kalergis, PhD, Pontificia Universidad Católica de Chile

Co-Chair: Nikhil A. Crain, MD – University of Colorado /

Children's Hospital Colorado

Salon 7, Lower B2 Level

10:00 AM **Immune Dysregulation in Fungal Infections and Immunomodulation**

Manish Butte, MD, PhD, University of California – Los Angeles

10:25 AM **NK Cell Regulation Constrains B cell Immunity to Therapeutic Vaccination in Chronic HBV Infection**

Joseph McDowell, University College London Institute of Immunity and Transplantation

10:40 AM **New and Improved Vaccines Against Malaria: From Design to Elimination**

Adrian V. S Hill, DM, FMedSci, FRS, Jenner Institute, University of Oxford

11:05 AM **B cell Analysis with Multiplexed Antigen Panels Defines Determinants of Antibody Breadth in Human Vaccination and Infection**

Prasanti Kotagiri, MD, PhD, Monash University

11:20 AM **Crafting a Different Future: Designing a Vaccine Against Clostridioides Difficile Infection**

Ingrid Scully, PhD, Pfizer

Maternal Fetal Immunology

Chair: Nardhy Gomez-Lopez, PhD, Washington University in St. Louis

Co-Chair: Mohammad Mansoor, University of Colorado

Salon 8, Lower B2 Level

10:00 AM **Not So Naive: The Emerging Complexity of Fetal Immunity**

Liza Konnikova, MD, PhD, FAAP, Yale University

10:25 AM **Maternal Immune Activation Triggers a Pathogenic "Senescence Chain" from Placenta to Offspring Brain Linking to Neurodevelopmental Disorders**

Tsukasa Sato, Hokkaido University

10:40 AM **Glycan Regulation of Fetomaternal Tolerance**

Adrian Erlebacher, MD, PhD, University of California - San Francisco

11:05 AM **Unraveling the Immune Landscape of Chronic Placental Inflammation Across Gestation Through Multi-Omics**

Dustyn Levenson, Wayne State University School of Medicine

11:20 AM **Measuring the Assembly of the Microbiota, One Cell at a Time**

Tim Hand, PhD, University of Pittsburgh

Industry and Partner Sessions

11:45 AM – 1:00 PM

11:45 AM **Partner Session: Journal of Experimental Medicine How to Get Published: Insights from a Scientific Editor**

Salons 10-11, Lower B2 Level

Natalie Cain, PhD, Executive Editor of JEM

Presented by:  Journal of Experimental Medicine

11:45 AM **Industry Tutorial: BioLegend Precision in Every Color: Unlocking Cell Insights with an Optimized 46-color Spectral Flow Panel**

Nob Hill A-D, Lower B2 Level

Speaker: Jade Moore, PhD, Technical Applications Scientist, BioLegend from Revvity

Sponsored by  From Revvity

11:45 AM **Partner Session: Women in Transplantation When Family and Your Career Demand Your Time and Attention**

Salon 12-13, Lower B2 Level

Speaker: Jane Tan, MD, PhD, Stanford University

Panel: Tang Qizhi, PhD, University of California San Francisco

Jonathan Maltzman, MD, PhD, FAST, Stanford University

Joshua Fein, MD, Weill Cornell Medicine

Moderator: Elaine Reed, PhD, University of California Los Angeles

Sponsored by  an initiative of 

Member Society Symposia

1:00 PM – 3:30 PM

The Future of Genetic Therapies for Inborn Errors of Immunity

Co-Chairs: Matthew Kan, MD, PhD, University of California, San Francisco and Jennifer Leiding, MD Johns Hopkins All Children's Hospital
Salons 3-6, Lower B2 Level

Organized by: 

Gene Therapy for Inborn Errors of Immunity (IEI)

1:00 PM **The Future of Genetic Therapies for Inborn Errors of Immunity**

Fyodor Urnov, PhD, University of California, Berkeley, Innovative Genomics Institute

1:30 PM **Navigating the Evolving Regulatory Landscape for Cell/Gene Therapies**

Drew Dietz, MD, MSCR, Ensoma

Novel Gene Therapies for IEI: From Bench to Bedside

2:00 PM **Genome Editing for Artemis-Severe Combined Immunodeficiency**

Matthew Kan, MD, PhD, University of California, San Francisco, CRISPR Cures

2:20 PM **Genome Editing for X-linked Severe Combined Immunodeficiency**

Suk See DeRavin, MD, PhD, National Institutes of Allergy and Infectious Diseases

2:40 PM **A Parent's Perspective on Enabling Gene Therapies for Rare Diseases**

Terry Pirovolakis, Elpida Therapeutics

3:00 PM **Panel Discussion – Practical Advances to Bring Gene Therapies to Patients with IEI**

Exploring the Emerging Role of the Exposome in Autoimmune Disease

Co-Chairs: Jane Buckner, MD, Benaroya Research Institute at Virginia Mason and Cate Speake, PhD at Benaroya Research Institute at Virginia Mason

Salon 7, Lower B2 Level

Organized by: The EXposome in Autoimmune Disease Collaborating Teams PLANning (EXACT-PLAN) Network

1:00 PM **Brief Introduction**

Victoria Shanmugam, MBBS, FRCP, FACR, CCD, Office of Autoimmune Disease Research National Institutes of Health

1:05 PM **Pillars for Advancing Research on the Exposome and Autoimmune Disease**

Cate Speake, PhD, Benaroya Research Institute at Virginia Mason

1:25 PM **Linking Exposure to Per- and Polyfluoroalkyl Substances to Human Disease**

Vaia Lida Chatzi, MD, PhD, University of Southern California

1:50 PM **Geocoding Autoimmune Disease Cohorts**

John Pearce, PhD, Medical University of South Carolina

2:15 PM **EBV Infection and SLE**

Melissa Munroe, MD, PhD, Oklahoma Medical Research Foundation

2:40 PM **Novel Technologies for Remote Exposome Monitoring**

Wilson Liao, MD, University of California, San Francisco

3:05 PM **Uncovering Previously Unknown Chemical Exposures During Pregnancy**

Dimitri Abrahamsson, PhD, University of California, San Francisco

The Proximity Network Assay: Decoding immune cell function through single-cell protein interactomics

The Proximity Network Assay enables high-resolution, single-cell mapping of 155 immune-related proteins without complex instruments, providing deep insights into immune cell function, disease mechanisms, and therapeutic impact. Its ability to reveal protein network dynamics makes it a powerful tool for advancing research and precision medicine in autoimmunity, hematology, immunotherapy, and immunoncology.

Join us at **Booth #4**, meet our Scientific Affairs Manager, **Michael Förster**, our Business Development Directors, **William Love** and **Sun Lim**, and explore our technology and the Proxiome Kit. We look forward to seeing you there!

 **JUNE 9-12, 2026**
 **Booth #4, San Francisco Marriott Marquis**

Michael Förster

 Scientific Affairs Manager,
 Pixelgen Technologies

Sun Lim

 Business Development Director
 Pixelgen Technologies

William Love

 Business Development Director,
 Pixelgen Technologies

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Wednesday, June 10, at 11:45 a.m.-1:00 p.m. EDT

Visit us at **Booth #1**

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Immunoen지니어 Immune Molecules and Cells to Create New Therapies for Cancer, Autoimmune Disorders and Transplantation

Co-Chairs: Elaine Reed, PhD, University of California, Los Angeles and Barbara Detrick, PhD, The Johns Hopkins University

Salons 10-11, Lower B2 Level

Organized by:



- 1:00 PM **Introduction**
Barbara Detrick, PhD, The Johns Hopkins University
- 1:05 PM **Linking Synthetic Immunology and Genome Editing to Accelerate and Bolster CART-cell Therapies for Cancer**
Justin Eyquem, PhD, University of California, San Francisco
- 1:40 PM **Engineered Antibody Fusion Proteins for Modulating Immune Responses in Cancer, Transplantation and Autoimmunity**
Jamie Spangler, PhD, The Johns Hopkins University
- 2:15 PM **Identifying Key Genetic Targets to Control Autoimmunity**
Maureen A Su, MD, University of California, Los Angeles
- 2:50 PM **Deciphering the Inflammatory Milieu: Tracking and Disrupting Tissue-Local Cytokine Regulation**
Aaron Meyer, PhD, University of California, Los Angeles

Coffee with Exhibitors ☕

3:30 PM - 4:00 PM

Salon 9, Lower B2 Level

Oral Abstract Sessions

4:00 PM - 6:00 PM

Immunogenetics

Chair: Carrie Lucas, PhD, Yale University

Co-Chair: Risa Yoshihara, The University of Tokyo

Salons 3-6, Lower B2 Level

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THE COLTON CONSORTIUM FOR AUTOIMMUNITY

- 4:00 PM **Systemic Assessment of Obesity as a Causal Risk Factor for Immune and Inflammatory Diseases**
Samuel Lessard, PhD, Sanofi
- 4:15 PM **3D Regulatory Mapping of Human ILC3s Resolves Cell Type-Specific Autoimmune Risk**
Nora Lakes, Cincinnati Children's Hospital Medical Center
- 4:30 PM **Targeted Deep Sequencing Identifies Mosaicism in Patients with Immune Dysregulation**
Elizabeth Schmitz, Washington University in St. Louis
- 4:45 PM **Leveraging Diverse Biobanks to Improve Genetic Discovery in Sepsis**
Maya Singh, Icahn School of Medicine at Mount Sinai
- 5:00 PM **Primary Amoebic Meningoencephalitis Caused by Complement C2 Deficiency**
Jian Cui, Vanderbilt University Medical Center
- 5:15 PM **The Broad Clinical Spectrum of IRF4 p.T95R Combined Immunodeficiency**
Mattison Stojic, The University of British Columbia
- 5:30 PM **T cell Intrinsic NOD2 Mutations Drive IL-17-Mediated Inflammatory Disease in Blau Syndrome**
Ruth Napier, PhD, University of Colorado Anschutz Medical Campus
- 5:45 PM **Beyond the Germline: Mapping Somatic Causes of Rare Inflammatory Disease in Adults**
Ashley Richardson, Institute for Genomic Health, Icahn School of Medicine at Mount Sinai

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Autoimmunity and Transplantation

Chair: Rachel Bonami, PhD, Vanderbilt University Medical Center

Co-Chair: Yasmeen Saad, Columbia University

Salon 7, Lower B2 Level

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PIXELGEN
TECHNOLOGIES

- 4:00 PM **Discovery of Autoimmune T cell Antigens Through Transsynaptic Lymphocyte Adhesion Biosensing**
Josiah Gerdtz, MD, PhD, University of California – San Francisco
- 4:15 PM **Dynamics of Peripheral Helper T (T_h) cells Across Multiple Joints and Circulation in Rheumatoid Arthritis**
Osamu Iri, MD, Kyoto University
- 4:30 PM **Airway CXCL13 Identifies a B cell-prominent Endotype of Chronic Lung Allograft Rejection Which May Guide Early Rituximab Intervention**
Sumiha Ramendra, University of Toronto
- 4:45 PM **Early Detection and Monitoring of Type 1 Diabetes Using a Shared T cell Receptor Signature**
Rebecca Elyanow, PhD, Adaptive Biotechnologies
- 5:00 PM **Lesional and Perilesional Tissue Comparisons across Immune-Mediated Inflammatory Diseases Reveal Disease-Specific Immunoregulatory Mechanisms Mediated by Peripheral Helper and Regulatory T cells**
Anthony McLean, Newcastle University
- 5:15 PM **PD-L1 on Pancreatic Beta Cells Synergizes with Tregs to Maintain Islet-specific CD8 T cell Tolerance in Non-autoimmune Settings**
Jiaming He, Yale University
- 5:30 PM **Immune Checkpoint Activation Targeting PD-1H (VISTA) Reinforces Human T-cell Tolerance in Autoimmunity**
Xue Han, PhD, Ohio State University
- 5:45 PM **Evidence for Immunomodulatory Effect of Thymus in Pig-to-Decedent Human Thymokidney Transplant**
Farshid Fathi, PhD, Columbia University

Late-Breaking Abstracts

Chair: Natalie Cain, PhD, Journal of Experimental Medicine

Co-Chair: Leonie Müller-Jensen, MD, University of California, San Francisco

Salon 8, Lower B2 Level

- 4:00 PM **Loss of Tolerance to Perilipin-1 in a Mouse Model of Adipose Autoimmunity**
Irina Proekt, PhD, University of California – San Francisco
- 4:15 PM **Intratumoral Biodegradable-Nanofluidic Platform for Localized Multimodal Immunotherapy Enhances Tumor Eradication and Immune Memory**
Jingyi Wang, Houston Methodist Academic Institute
- 4:30 PM **Antibody-targeted Lipid Nanoparticles Enable B cell-selective mRNA Therapeutic Delivery in Vivo**
Leonardo Cheng, Johns Hopkins University
- 4:45 PM **Utilizing the VSV Vector Approach for Emerging Infections Disease Vaccine Development**
Marija Zaric, MD, PhD, IAVI
- 5:00 PM **A Surviving Beta Cell Subpopulation Enriched in Patients with Type 1 Diabetes**
Maxwell Spurrell, Yale School of Medicine
- 5:15 PM **Translational Application of TEAD Inhibitors to Overcome Immunotherapy Resistance in Solid Tumors: Clinical and Preclinical Mechanistic Supportive Data**
Meriem Taleb, Memorial Sloan Kettering Cancer Center
- 5:30 PM **Engineering Stable and Lymphodepletion-resistant Regulatory T cell Therapy for Inducing Immune Tolerance in Transplantation and Autoimmunity**
Sameena Nikhat, PhD, Mayo Clinic
- 5:45 PM **Elucidating Molecular Mechanisms of Natural Killer (NK) Cell Function Through Studies of NK Cell Desensitization**
Yeara Jo, PhD, University of California – Berkeley

Keynote Address (Robert B. Nussenblatt Presidential Lecture)

6:05 PM – 6:50 PM

Salon 8, Lower B2 Level

Chair: Megan Levings, PhD, University of British Columbia



CD8⁺ Treg Cells Basic Aspects and Clinical Applications

Ignacio Anegón, MD, INSERM-Nantes University, FOCIS President

Exhibit and Poster Reception (Authors Present)

6:50 PM – 8:05 PM

Salon 9, Lower B2 Level

FOCIS Member Reception (FOCIS Members Only)

8:05 PM – 9:05 PM

SoMa, Second Level

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Biogen

Thursday, June 11

Registration Open

7:00 AM – 5:00 PM

South Registration Desk, Lower B2 Level

Coffee with Exhibitors ☕

7:30 AM – 8:00 AM

Salon 9, Lower B2 Level

Plenary Session: Rejuvenating the Immune System

8:00 AM – 9:30 AM

Salon 8, Lower B2 Level

Chair: *Eliane Piaggio, MD, Institut Curie*

8:00 AM **Understanding Human Immune Aging at a Single-cell Prospective**

Maxim Artyomov, PhD, Washington University in St. Louis

8:30 AM **Combination Therapies Using GLP1s to Prevent and Treat Type 1 Diabetes**

Matthias von Herrath, MD, PhD, Lilly

9:00 AM

Coffee Break with Exhibitors ☕

9:30 AM – 10:00 AM

Salon 9, Lower B2 Level

Thematic Symposia

10:00 AM – 11:45 AM

Immune Evasion Mechanisms

Chair: *Kelly Brown, PhD, The University of British Columbia*

Co-Chair: *Romaniya Zayats, BC Children's Hospital Research Institute*

Salons 3-6, Lower B2 Level

10:00 AM **Role of Erythropoietin in Immune Tolerance to Cancer**

Edgar Engleman, MD, PhD, Stanford University

10:25 AM **Durable Leukemia-free and Severe GvHD-free Survival in Patients Treated with $\alpha\beta$ depleted-HSCT and Tr1 Cell-enriched T-allo10 Immunotherapy**

Alma-Martina Cepika, MD, PhD, Stanford University

10:40 AM **Islet Transplantation in a Patient Without Immunosuppression**

Sonja Schrepfer, MD, PhD, Cedars Sinai Medical Center

11:05 AM **Engineering Immunosuppression-Resistant Allogeneic CD19 CAR T cells to Treat B cell-Driven Autoimmune Disorders Without the Need for Glucocorticoid Weaning**

Viktor Glaser, Charité - Universitätsmedizin Berlin

11:20 AM **Fine-Tuning Dendritic Cell Function to Overcome Tumor Immune Escape**

Eynav Klechevksy, PhD, Washington University in St. Louis

Genetics and Personalized Immunology

Chair: *Elena Hsieh, MD, University of Texas Southwestern*

Co-Chair: *Mattison Stojic, BC Children's Hospital Research Institute*

Salon 7, Lower B2 Level

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Creating Possible

10:00 AM **AI-based Integration of Genetic and Environmental Information to Determine Risk for Multiple Sclerosis**

Sergio Baranzini, PhD, Weill Institute for Neurology
Heidrich Family and Friends, Institute for Human Genetics

10:25 AM **A Multi-Ethnic Reference Map of TCR Germline Diversity Reveals Evidence of Natural Selection on Variable and Joining Alpha Chain Genes**

Sreekar Mantena, Harvard Medical School

10:40 AM **Nature's Lessons for Decoding Immunity**

Carrie Lucas, PhD, Yale University

11:05 AM **Engineering Heterozygous Variants to Decode Variable Penetrance in Immune Disorders at Single Cell Resolution**

Zachary Walsh, PhD, Columbia University

11:20 AM **Omics Signatures Across the Atopic March - Opportunities and Gaps**

Rasika Mathias, ScD, NIH/NIAID

AI and Bioengineering for Immune System Discovery and Translation to Patient Care

Chair: *Coziana Ciurtin, PhD, FRCP, University College London*

Salon 8, Lower B2 Level

Sponsored by



10:00 AM **AI for Spatial Genomics in the Tumor Microenvironment**

Christina Leslie, PhD, Memorial Sloan Kettering Cancer Center

10:25 AM **Accelerated Identification and Validation of Therapeutic Targets for Systemic Lupus Erythematosus**

Xiaoguang Li, MD, PhD, AbbVie

10:40 AM **Machine Learning and Scaling of B cell and T cell Receptor Analysis in Human Health and Disease**

Scott Boyd, MD, PhD, Stanford University

11:05 AM **First Oral Small-Molecule Inhibitors Designed by Generative AI Achieve Biologics-Like Pan-Inhibition of IL-17AA, AF, and FF Dimers**

Chris Li, PhD, Anew Therapeutics

11:20 AM **Ancestral Immunity: The Immune Modules Shared Across Domains of Life**

Enzo Poirier, PhD, Institut Curie

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Industry and Partner Sessions

11:45 AM – 1:00 PM

11:45 AM **Industry Tutorial: Precision Proteomics in Clinical Research: Unlocking Deeper Immune Biology with High Sensitivity NULISA Platform**

Nob Hill A-D, Lower B2 Level

Speaker: Holden T. Maecker, PhD, Stanford University

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11:45 AM **Partner Program: Grantsmanship and Avoiding Submission Pitfalls**

Salons 12-13, Lower B2 Level

Speakers: Maggie Morris Fears, PhD, NIH/NIAID

Ellen Goldmuntz, MD, PhD, NIH/NIAID

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Member Society Symposia

1:00 PM – 3:30 PM

Unraveling Autoimmunity Through Myositis and Other Rheumatic Diseases

Co-Chairs: Jens Schmidt, MD, FEAN, FAAN, University of Göttingen, Germany and Olivier Boyer, MD, PhD, FCE PAN'THER, Rouen, France

Salons 3-6, Lower B2 Level



Organized by: **iMyos** International Myositis Society, FCE PAN'THER, FCE REINVENT, and FCE UCL

1:00 PM **Presentation of iMyos, a new FOCIS member society, and introduction of the session**

Jens Schmidt, MD, FEAN, FAAN

iMyos Secretary, University of Göttingen, Germany

1:10 PM **Sex Determinants on Immune System Functions**

Coziana Ciurtin, FCE REINVENT, United Kingdom

1:35 PM **Functional Treg Pathways in Inflammation**

Anne Pesenacker, FCE UCL, United Kingdom

2:00 PM **Advances in the Classification and Animal Models of Myositis**

Jens Schmidt, Göttingen, Germany

2:20 PM **Do Autoantibodies Enter Cells in Myositis?**

Olivier Boyer, FCE PAN'THER, France

2:40 PM **Rheumatic Toxicities of Immune Checkpoint Inhibitors: The Severity of Myositis**

Yves Allenbach, Institute of Myology, Paris

Therapeutic Strategies Based on Immunological Pathogenesis of Immune-mediated Disease

Co-Chairs: Isao Matsumoto, MD, PhD, University of Tsukuba and Keishi Fujio, MD, PhD, The University of Tokyo

Salon 7, Lower B2 Level

Organized by



1:00 PM **Introduction Pathogenesis-based Therapeutic Strategies for Systemic Lupus Erythematosus**

Yoshiya Tanaka, MD, PhD, School of Medicine, University of Occupational and Environmental Health

1:35 PM **Foxp3 and the Epigenetic Identity of Treg cells: Implications for Treg Therapy**

Shohei Hori, PhD, Graduate School of Pharmaceutical Sciences, The University of Tokyo

2:05 PM **Treatment of Rheumatoid Arthritis Based on its Pathogenesis - The Relationship Between Late-onset Disease and Regulatory T cells**

Isao Matsumoto, MD, PhD, Institute of Medicine, University of Tsukuba

2:35 PM **Inborn Errors of Immunity Due to Impaired STAT1 Signaling - Pathophysiology and Treatment**

Satoshi Okada, MD, PhD, Hiroshima University Graduate School of Biomedical and Health Sciences

3:05 PM **Q&A and Round Table Discussion**

Shared and Specific Immune Mechanisms in Neuroinflammatory Diseases

Chair: Roland Liblau, MD, PhD Toulouse University

Salons 10-11, Lower B2 Level

Organized by



1:00 PM **Neurovascular Mechanisms of Inflammation and Tissue Repair**

Katerina Akassoglou, PhD, Gladstone Institutes, University of California, San Francisco

1:35 PM **Molecular Mimicry at the B- and T-cell Levels in MS and other Neuroinflammatory Diseases**

Tobias V. Lanz, MD, Stanford University School of Medicine

2:10 PM **B cells and Plasma cells in CNS Inflammation and Tissue Repair**

Jennifer Gommerman, PhD, University of Toronto

2:45 PM **Autoreactive T cells from Identification to Pathogenicity in Neuroinflammatory Diseases**

Scott Zamvil, MD, PhD, University of California, San Francisco

3:20 PM **Conclusion**

Coffee Break with Exhibitors

3:30 PM – 4:00 PM

Salon 9, Lower B2 Level

Oral Abstract Sessions

4:00 PM – 6:00 PM

Immuno-oncology

Chair: Olivier Boyer, MD, PhD, Rouen University

Co-Chair: Jiaming He, Yale University

Salon 8, Lower B2 Level

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From Revvity

4:00 PM **ImmTAC-Secreting T cells as a Novel Therapeutic Platform for Melanoma**

Iván García Loza, Hospital Clinic de Barcelona

4:15 PM **Development of Tri-Specific Extracellular Vesicles for Anti-Cancer Therapeutics**

Lavisha Korani, National University of Singapore

4:30 PM **Evaluating Busulfan and Anti-GPIIb Platelet Depletion Strategies in ApcMin/+ Mouse Models of Cancer Cachexia**

Varshitha Reddy Karveti, University of South Carolina School of Medicine

4:45 PM **HLA-DRB1*04 Dominance in Heterozygous Dendritic Cells Enhanced by SKBR3 Cell Lysate Antigenic Challenge**

Gonzalo Lázaro, Universitat Autònoma de Barcelona

5:00 PM **Nuclear and Cell Cycle-Dependent Localization of CMTM6, a PD-L1 Stabilizer, in Cervical Cancer Cell Lines**

Ana Orozco Jacobo, University of Guadalajara

5:15 PM **T cell-Dominated Interferon Signaling Drives Immune Checkpoint Inhibitor-Associated Pneumonitis Revealing Actionable Cytokine Targets**

Paytsar Topchyan, MD, PhD, University of California – Los Angeles

5:30 PM **A Common Pretreatment Immune Setpoint Predicts Autoimmune Toxicity Across Cancers, Organs, and Checkpoint Inhibitors**

Matthew Mulè, MD, PhD, Yale University

5:45 PM **Non-ICANS Neurotoxicity Following BCMA CAR T-cell Therapy: Distinguishing Movement and Neurocognitive Toxicity from Peripheral Nervous System Manifestations**

Leonie Müller-Jensen, MD, University of California, San Francisco

Immuno-engineering and Therapeutics

Chair: Anna Helena Jonsson, MD, PhD, University of Colorado Anschutz

Co-Chair: Adrian Albarrán, Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran

Salon 7, Lower B2 Level

4:00 PM **Engineered CD4LVFOXP3 Treg Cells in the Clinic: Interim Data in Patients with Monogenic Autoimmune IPEX Syndrome**

Rosa Bacchetta, MD, Stanford University

4:15 PM **A Treg Cell-Targeted IL-2m Results in Superior Suppression of Th2 Responses Compared to CD25-Biased IL-2m and Anti-IL4R Blockade in a Mouse Model of Asthma**

Kelly Remedios, PhD, Gilead Sciences

4:30 PM **Defining the Immunological Features of CD19 CAR T cell Therapy in MRL/lpr Mice**

Tatiana Lau, University of British Columbia

4:45 PM **Collagen-Disrupting TIL Cell Therapy for Sarcoma**

Shulin Li, PhD, The University of Texas MD Anderson Cancer Center

5:00 PM **CNP-104, an Antigen-Specific Tolerogenic Nanoparticle Therapy, Stabilizes Prognostic Trajectory and Liver Stiffness With a Link to Reduction in Pathogenic T cells in Primary Biliary Cholangitis**

Adam Elhofy, PhD, COUR Pharmaceuticals

5:15 PM **Engineering Islet-Specific Synthetic Receptors by Modulating Signal Transduction Can Generate a Treg Cell Therapy for Type 1 Diabetes**

Robert Castro-Gutierrez, PhD, University of California – San Francisco

5:30 PM **QEL-005: A CD19-Directed CAR Regulatory T cell Therapy for Autoimmune Diseases Characterized by Multicellular Immune Dysregulation**

Marc Martinez-Lordella, PhD, Quell Therapeutics

5:45 PM **Harnessing Next-Generation Phage Therapy Against Graft-Versus-Host Disease**

Kosuke Fujimoto, MD, PhD, the University of Osaka

Immune Mechanisms

Chair: Anne Pesenacker, PhD, University College London – Institute of Immunity and Transplantation

Co-Chair: Hadeel Khammash, University of Colorado

Salons 3-6, Lower B2 Level

4:00 PM **Epstein-Barr Virus Reprograms Autoreactive B cells as Antigen-Presenting Cells in Autoimmune Diseases**

Shady Younis, PhD, Stanford University

4:15 PM **Not All Autoreactive B cell Subsets Are Created Equal: Elucidating Their Unique Properties and Pathogenic Potential**

Brandon Hilliard, University of Colorado Anschutz School of Medicine

4:30 PM **Endogenous Activation of CD8+ T cells is Jointly Constrained By a MYB-dependent Program and Fas/FasL-mediated Deletion**

Tony Yao, Washington University in St. Louis

4:45 PM **Cytotoxic T cell Recognition of α -Synuclein Drives Pathogenic Immune Responses in Multiple System Atrophy**

Jae Seung Moon, Stanford University

5:00 PM **Antigenic Cross-Roads: Viral-Self Mimicry Drives CD8+ T cell-Mediated Epithelial Injury in Ulcerative Colitis**

Roshni Roy Chowdhury, PhD, University of Chicago

5:15 PM **Skeletal Muscle DUSP29/DUPD1 Links Colitis With Obesity-Associated Metabolic Diseases**

Saurav Roy Choudhury, PhD, University of Toronto

5:30 PM **Increased Glutamine Dependence of CD8 T cells in Human Critical Illness Drives Dysregulated Effector and Exhausted-Like Programming and Associates With Poor Clinical Outcomes**

Casey Nichols, Vanderbilt University School of Medicine

State of FOCIS Address

6:05 PM – 6:15 PM

Salon 8, Lower B2 Level

Ignacio Anegon, MD, INSERM-Nantes University, FOCIS President

Keynote Address

6:15 PM – 7:00 PM

Salon 8, Lower B2 Level

Chair: Ignacio Anegon, MD, Nantes University, FOCIS President



Tumour Evolution Under Immunotherapy

Samra Turajlić, MD, PhD, Cancer Research UK Manchester Institute, The Francis Crick Institute, The Christie NHS Foundation Trust

Exhibit and Poster Reception (authors present)

7:00 PM – 8:15 PM

Salon 9, Lower B2 Level

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Friday, June 12

Registration Open

7:00 AM – 12:30 PM

South Registration Desk, Lower B2 Level

Plenary Session: New Approaches to Immune-mediated Disease

8:00 AM – 9:30 AM

Salon 8, Lower B2 Level

Chair: Ricardo Grieshaber-Bouyer, MD, FAU Erlangen-Nürnberg / University Hospital Erlangen

Co-Chair: Ann-Kathrin Götz, FAU Erlangen-Nürnberg / University Hospital Erlangen; Harvard Medical School / Brigham and Women's Hospital

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8:00 AM **Resetting the Immune System by Deep B cell Depletion**

Georg Schett, MD, University Hospital Erlangen, Friedrich-Alexander University Erlangen-Nuremberg

8:30 AM **In vivo CAR T: Bench to Bedside**

Haig Aghajanian, PhD, University of Pennsylvania

9:00 AM **Optimising Costimulation Blockade in Autoimmunity**

Lucy Walker, PhD, University College London

Coffee Break ☕

9:30 AM – 10:00 AM

Main Foyer

Member Society Symposia

10:00 AM – 11:45 AM

Harnessing Regulatory T cell (Treg) Biology: Cutting-Edge Immunotherapies for Cancer, Autoimmunity, and Transplantation

Chair: Sophie Paczesny, MD, PhD, Medical University of South Carolina, Stanford University School of Medicine

Nob Hill A-D, Lower B2 Level

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10:00 AM **Introduction to the Session**

Sophie Paczesny, MD, PhD, Medical University of South Carolina, Stanford University School of Medicine

10:05 AM **ST2+ Tregs in the Tumor Microenvironment**

Sophie Paczesny, MD, PhD, Medical University of South Carolina, Stanford University School of Medicine

10:30 AM **Precision-Tregs Transplantation to Prevent GVHD and Graft Rejection**

Everett Meyer, MD, PhD, Stanford University

10:55 AM **Engineering Tregs for the Immunotherapy of Autoimmune Diseases**

Megan K. Levings, PhD, The University of British Columbia

11:20 AM **Q&A/round table with Audience & guided Q&A Therapeutic future of Tregs**

11:40 AM **Summary/Closing Remarks**

Everett Meyer, MD, PhD, Stanford University
Katherine Bull, DPhil, Centre for Human

Systems Immunology and Computational Approaches to Characterize Transplant Immunity

Co-Chairs: Jonathan Maltzman, MD, PhD, Stanford University, Fadi Issa, PhD, University of Oxford, Elaine Reed, PhD, University of California, Los Angeles

Salons 5-6, Lower B2 Level

Organized by



10:00 AM **Single Cell Transcriptional Landscape of Solid Organ Allograft Rejection Reveals Persistence of Clonally Expanded, Treatment-refractory T cells**

David Hildeman, PhD, Cincinnati Children's Hospital Medical Center

10:35 AM **Multiscale Topology Classifies Cells in Subcellular Spatial Transcriptomics**

Katherine Bull, DPhil, Centre for Human Genetics, University of Oxford

11:10 AM **Genomic Approaches for Determination of Allograft and Xenograft Tolerance and Rejection**

Megan Sykes, MD, Microbiology & Immunology and Surgical Sciences, Columbia University

Investigating Common Mechanisms of Autoimmunity

Co-Chairs: Joshua Vieth, PhD, Breakthrough T1D, Maya Bader, PhD, Lupus Research Alliance, and James Quinn, PhD

National MS Society

Salons 3-4, Lower B2 Level

Organized by



10:00 AM **Welcome Remarks & Award Announcements**

10:10 AM **Mechanisms of B cell Polyreactivity in Autoimmunity: Toward Precision Immunotherapy**

Elena Hsieh, MD, University of Texas Southwestern

10:20 AM **Dissecting HLA Mechanisms in T1D, SLE, and MS Through High-Throughput Self-Antigen Profiling**

Aly Khan, PhD, University of Chicago

10:30 AM **Anti-CD71 Immunotherapy to Restore T cell Homeostasis in Autoimmunity**

Kelsey Voss, PhD, University of Virginia School of Medicine

10:40 AM **Understanding Common Tissue Tolerance Mechanisms in Autoimmunity**

Gary Reynolds, MBBS, PhD, Massachusetts General Hospital

10:50 AM **Dock2-mediated T cell Migration as a Targetable Shared Mechanism in Autoimmunity**

Alok Joglekar, PhD, University of Pittsburgh

11:00 AM **Monitoring CD4+ T-cell Responses in T1D, MS and SLE**

Stuart Mannering, PhD, St. Vincent's Institute Medical Research

11:10 AM **Understanding Role of B cells in the Pathogenesis of Type 1 Diabetes and Multiple Sclerosis**

Yoshiaki Yasumizu, MD, PhD, Yale School of Medicine

11:20 AM **Panel Discussion / Group Q&A**

Invited Industry Session (Open to All Attendees)

10:15 AM - 11:30 AM

Salon 8, Lower B2 Level

Chairs: Magnus Fontes, PhD, Roche, and Cameron MacPherson, PhD, Roche

Artificial Intelligence in Immunology: An Industry View Approach

10:15 AM **Introduction**

Magnus Fontes, PhD, Roche

10:25 AM **AI in Target Discovery**

Graham Heimberg, PhD, Genentech

10:35 AM **AI in Early Clinical Development**

Aicha BenTaieb, PhD, Genentech

10:45 AM **Trusted Computational Research For Humans and AI**

Simon Adar, PhD, Code Ocean

10:55 AM **Panel Discussion**

Simon Adar, PhD, Code Ocean

Aicha BenTaieb, PhD,

Genentech, Magnus Fontes, PhD, Roche

Graham Heimberg, PhD, Genentech

Christina Leslie, PhD, Memorial Sloan Kettering, Cancer Center

Cameron MacPherson, PhD, Roche

Keynote Address

11:45 AM - 12:30 PM

Salon 8, Lower B2 Level

Chair: Jane Buckner, MD, Benaroya Research Institute



T cell Immunity in Tissues and Tumors

Ananda Goldrath, PhD, University of California - San Diego

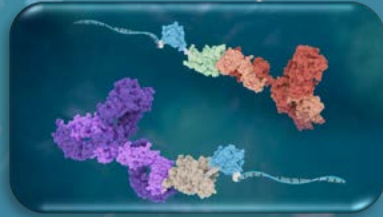
12:30 PM **FOCIS 2026 Annual Meeting adjourns**

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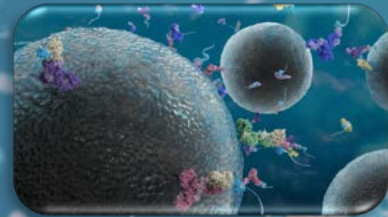
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Autoimmunity - Viral Infections - Environmental Exposures

Congratulations!

Jang Hyun Park, Ph.D
Washington University in St. Louis

Recipient of the annual C. Garrison Fathman Fellows Fund Trainee Travel Award!



The C. Garrison Fathman Fellows Fund enables trainees and fellows to attend FOCIS Annual Meetings, educational courses, and to participate in exchange programs that advance human health through immunology. Donations support trainees and fellows throughout immunology.



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Congratulations!

Iván García Loza
Hospital Clinic de Barcelona

Together with FOCIS, BSI has established this prize recognizing the high quality of the recipient's abstract submitted for presentation at the 25th Annual Meeting of the Federation of Clinical Immunology Societies (FOCIS 2026).



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immunology

Congratulations!

Tsukasa Sato, MS, PhD Student
Hokkaido University

Recipient of the annual Clinical Immunology Trainee Award!

Clinical Immunology, in collaboration with FOCIS, established the Clinical Immunology Trainee Award, which selects a colleague in training (student or fellow) from among those who submit abstracts to the FOCIS Annual Meeting.

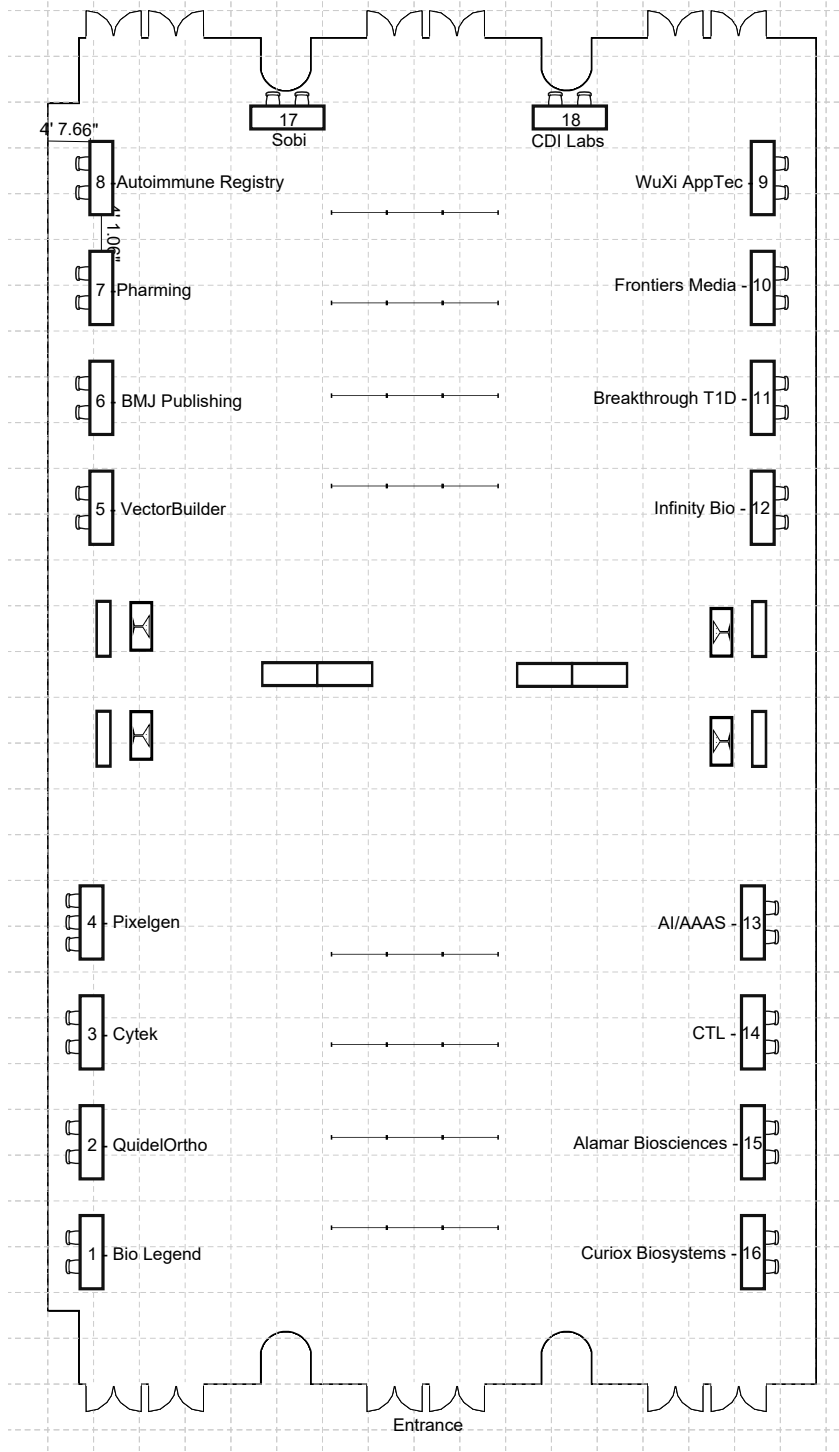


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Exhibitor Floor Plan

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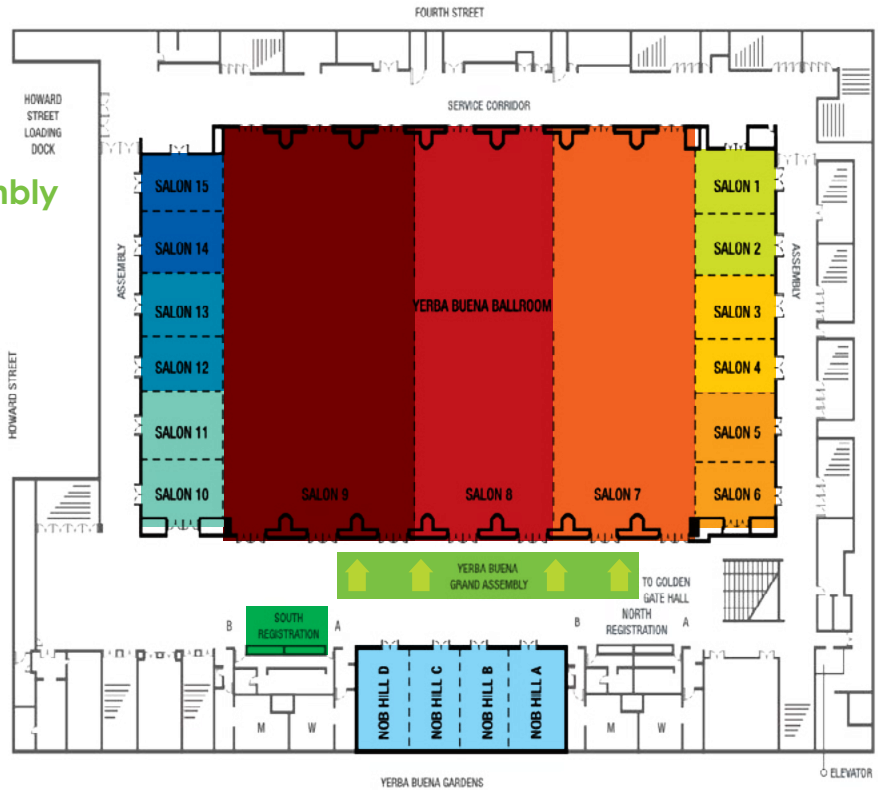
Exhibitor Listing and Floor Plans

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Hotel Maps

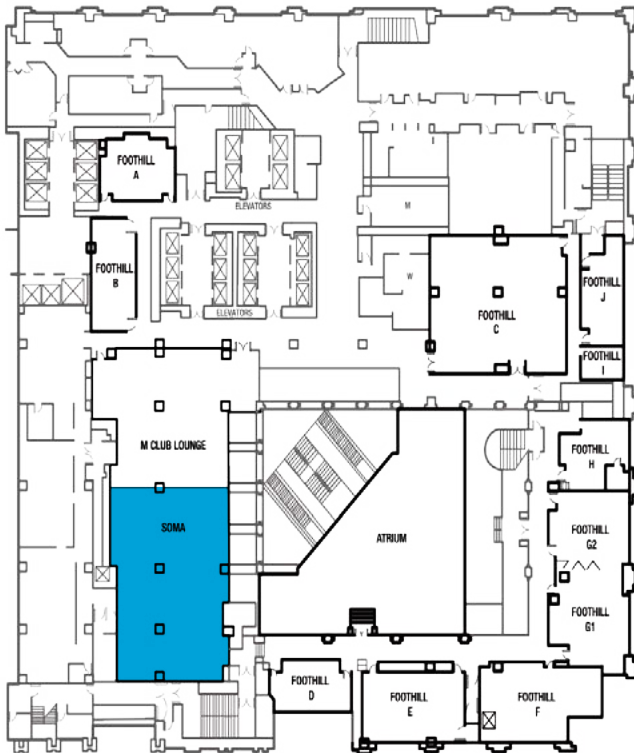
LOWER B2 LEVEL

- South Registration Desk
- Yerba Buena Grand Assembly
- Salons 1/2
- Salons 3/4
- Salons 5/6
- Salon 7
- Salons 8
- Salons 9
- Salons 10/11
- Salons 12/13
- Salons 14/15
- Nob Hill A/B/C/D



SECOND LEVEL

- SoMa Room



PACIFIC (FOURTH FLOOR)

- Pacific C



Speaker, Organizer, and Contributor Disclosure Index

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1 - Consultant/Advisor	3 - Lecture Fees	5 - Patents/Royalty
2 - Employee	4 - Equity/Owner	6 - Grant Support

Aghajanian, Haig: (1) AbbVie Pharmaceutical Research and Development; (1) Breezebio; (2) Capstan Therapeutics (Terminated, August 19, 2025); (4) Capstan Therapeutics (Terminated, August 19, 2025); (1) Hybrid Bio; (1) Pointer Bio

Anderson, Ana: (1) Compass Therapeutics; (1) Cytospire; (1) Zumutor Biologics

Andorko, James: (2) Kite

Anegon, Ignacio: (4) AbolerIS Pharma; (5) AbolerIS Pharma

Baranzini, Sergio: (4) Mate Bio

Besin, Gilles: (2) Bristol Myers Squibb

Boyd, Scott: (4) Abcellera; (1) Genentech; (4) Immunera; (1) Novartis; (1) Otsuka; (1) Regeneron; (1) Sanofi; (1) Visterra
Engleman, Edgar: (4) Almach Bio; (5) Almach Bio; (4) ImmunEdge Inc.; (5) ImmunEdge Inc.; (1) Vivo Capital

Goldrath, Ananda: (1) Foundery Immune Studios; (1) TCura Bio; (4) TCura Bio

Heimberg, Graham: (2) Genentech; (2) Novo Holdings

Hill, Adrian: (4) Barinthus; (5) Barinthus; (1) NeoVac Ltd; (4) NeoVac Ltd; (1) Serum Institute of India; (6) Serum Institute of India; (5) Serum Institute of India

Kipnis, Jonathan: (1) PureTech; (4) PureTech; (5) PureTech

Larson, Ryan: (2) Umoja Biopharma; (4) Umoja Biopharma

Leslie, Christina: (1) Episteme Prognostics; (5) Episteme Prognostics

Lucas, Carrie: (6) ONO Pharmaceutical Co; (1) Pharming

Mitra, Suman: (1) Alceus Bio; (1) ImmunoAi (Terminated); (5) Medicenna Therapeutics; (4) SwitchKine Therapeutics; (5) SwitchKine Therapeutics

Pröbstel, Anne-Katrin: (3) Novartis (Terminated, October 24, 2024)

Robinson, William: (1) EBVio Inc; (4) EBVio Inc; (5) EBVio Inc; (1) Flatiron Bio LLC; (4) Flatiron Bio LLC; (5) Flatiron Bio LLC

Schrepfer, Sonja: (4) Sana Biotechnology, Inc.

Scully, Ingrid: (2) Pfizer Inc.

von Herrath, Matthias: (2) Novonordisk

Wherry, John: (1) Absci; (4) Absci; (1) Arpelos; (4) Arpelos; (1) Arsenal Biosciences; (4) Arsenal Biosciences; (1) Coherus; (4) Coherus; (1) Danger Bio; (4) Danger Bio; (1) Ipinovyx; (4) Ipinovyx; (1) Marengo Therapeutics; (4) Marengo Therapeutics; (6) Merck; (1) NewLimit; (4) NewLimit; (6) Parker Institute; (1) Pluto Immunotherapeutics; (4) Pluto Immunotherapeutics; (1) Related Sciences; (4) Related Sciences; (1) Santa Ana Bio; (4) Santa Ana Bio; (1) SyntheKine; (4) SyntheKine

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FOCIS[®]
Annual Meeting

JUNE 15-18

2027

BOSTON, MA USA



Monday, June 8

	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
FOCISed	7:30 am – 5:00 pm	Clinical Immunology Course (Separate Registration Required)	Salons 10-11
FOCISed	1:00 pm – 5:00 pm	Multiparameter Immunophenotyping Course (Flow Cytometry) (Separate Registration Required)	Salons 12-13
FOCISed	1:00 pm – 5:00 pm	Systems Immunology Course - Day 1 (Separate Registration Required)	Nob Hill A-D

Tuesday, June 9

	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
FOCISed	8:00 am – 12:00 pm	Systems Immunology Course - Day 2 (Separate Registration Required)	Nob Hill A-D
MSS	12:00 pm – 3:00 pm	Molecular Basis for Immunological Diseases: Insights from the Latin-American Region	Salons 5-6
MSS	12:00 pm – 3:00 pm	Pathogenic B Cells in Autoimmunity: Genetic Drivers, Disease Endotypes and Therapeutic Targets....	Salons 10-11
Industry	1:00 pm – 2:45 pm	In Vivo CAR T cell Generation: An Industry View Approach (Open to All Attendees).....	Salon 8
Plenary	3:00 pm – 4:30 pm	Immune Microenvironment Interactions (Health and Disease)	Salon 8
Keynote	4:30 pm – 5:15 pm	Opening Keynote Address: What is CNS Immune Privilege (Not)?.....	Salon 8
	5:15 pm – 6:30 pm	Exhibit & Poster Opening Reception.....	Salon 9

Wednesday, June 10

	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
Plenary	7:30 am – 8:00 am	☕ Morning Coffee with Exhibitors	Salon 9
	8:00 am – 9:30 am	Immune Receptors in Health and Disease	Salon 8
Thematic	9:30 am – 10:00 am	☕ Coffee Break with Exhibitors	Salon 9
	10:00 am – 11:45 am	Modeling Human Immune Microenvironments	Salons 3-6
Thematic	10:00 am – 11:45 am	Maternal Fetal Immunology	Salon 8
Thematic	10:00 am – 11:45 am	Precision Immunology for Infectious Diseases: Mechanisms, Vaccines, and Therapeutics.....	Salon 7
Lunch Program	11:45 am – 1:00 pm	When Family and Your Career Demand Your Time and Attention	Salons 12-13
Lunch Program	11:45 am – 1:00 pm	How to Get Published: Insights from a Scientific Editor	Salons 10-11
Lunch Program	11:45 am – 1:00 pm	Industry Tutorial by BioLegend	Nob Hill A-D
MSS	1:00 pm – 3:30 pm	Exploring the Emerging Role of the Exosome in Autoimmune Disease	Salon 7
MSS	1:00 pm – 3:30 pm	Immunoengineering Immune Molecules and Cells to Create New Therapies for Cancer, Autoimmune Disorders and Transplantation	Salons 10-11
MSS	1:00 pm – 3:30 pm	The Future of Genetic Therapies for Inborn Errors of Immunity	Salons 3-6
	3:30 pm – 4:00 pm	☕ Coffee Break with Exhibitors	Salon 9
Oral Abstract	4:00 pm – 6:00 pm	Late-Breaking Abstracts.....	Salon 8
Oral Abstract	4:00 pm – 6:00 pm	Autoimmunity and Transplantation	Salon 7
Oral Abstract	4:00 pm – 6:00 pm	Immunogenetics.....	Salons 3-6
Keynote	6:05 pm – 6:50 pm	Keynote Address: Robert. B. Nussenblatt Presidential Lecture: CD8+ Treg Cells Basic Aspects and Clinical Applications.....	Salon 8
	6:50 pm – 8:05 pm	Exhibit & Poster Reception	Salon 9
	8:05 pm – 9:05 pm	FOCIS Member Reception (FOCIS members only)	SoMa, 2nd Level

Thursday, June 11

	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
Plenary	7:30 am – 8:00 am	☕ Morning Coffee with Exhibitors	Salon 9
	8:00 am – 9:30 am	Rejuvenating the Immune System	Salon 8
Thematic	9:30 am – 10:00 am	☕ Coffee Break with Exhibitors	Salon 9
	10:00 am – 11:45 am	AI and Bioengineering for Immune System Discovery and Translation to Patient Care	Salon 8
Thematic	10:00 am – 11:45 am	Genetics and Personalized Immunology	Salon 7
Thematic	10:00 am – 11:45 am	Immune Evasion Mechanisms	Salons 3-6
Lunch Program	11:45 am – 1:00 pm	Industry Tutorial by Alamar Biosciences	Nob Hill A-D
Lunch Program	11:45 am – 1:00 pm	Partner Program by NIH/NIAID	Salons 12-13
MSS	1:00 pm – 3:30 pm	Shared and Specific Immune Mechanisms in Neuroinflammatory Diseases	Salons 10-11
MSS	1:00 pm – 3:30 pm	Therapeutic Strategies Based on Immunological Pathogenesis of Immune-mediated Disease	Salon 7
MSS	1:00 pm – 3:30 pm	Unraveling Autoimmunity Through Myositis and Other Rheumatic Diseases	Salons 3-6
	3:30 pm – 4:00 pm	☕ Coffee Break with Exhibitors	Salon 9
Oral Abstract	4:00 pm – 6:00 pm	Immuno-oncology	Salon 8
Oral Abstract	4:00 pm – 6:00 pm	Immuno-engineering and Therapeutics	Salon 7
Oral Abstract	4:00 pm – 6:00 pm	Immune Mechanisms.....	Salons 3-6
	6:05 pm – 6:15 pm	State of FOCIS Address.....	Salon 8
Keynote	6:15 pm – 7:00 pm	Keynote Address: Tumour Evolution Under Immunotherapy	Salon 8
	7:00 pm – 8:15 pm	Exhibit & Poster Reception	Salon 9

Friday, June 12

	7:00 am – 12:30 pm	Registration Desk Open	Registration Desk
Plenary	8:00 am – 9:30 am	New Approaches to Immune-mediated Disease	Salon 8
	9:30 am – 10:00 am	☕ Coffee Break.....	Foyer
MSS	10:00 am – 11:45 am	Harnessing Regulatory T cell (Treg) Biology: Cutting-Edge Immunotherapies for Cancer, Autoimmunity, and Transplantation	Nob Hill A-D
MSS	10:00 am – 11:45 am	Investigating Common Mechanisms of Autoimmunity.....	Salons 3-4
MSS	10:00 am – 11:45 am	Systems Immunology and Computational Approaches to Characterize Transplant Immunity	Salons 5-6
Industry	10:15 am – 11:30 am	Artificial Intelligence in Immunology: An Industry View Approach (Open to All Attendees)	Salon 8
Keynote	11:45 am – 12:30 pm	Keynote Address: T cell Immunity in Tissues and Tumors	Salon 8