

25 YEARS OF FOCIS

FOCIS[®]

2025

**SCIENTIFIC
PROGRAM**

JUNE BOSTON
24-27 MASSACHUSETTS



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Dear Colleagues,

Greetings and welcome to FOCIS's highly anticipated 25th annual meeting - the leading event in translational immunology! We are pleased to announce that we are expecting nearly 900 delegates this week, a testament to the unwavering popularity of this event.

The FOCIS 2025 Annual Meeting will showcase groundbreaking scientific achievements and current issues in translational immunology. The meeting will kick off with 15 Member Society symposia, many of which will focus on principles and applications of adaptive immunity. We are honored to have four highly respected keynote speakers this year: Dr. Todd Brusko, University of Florida; Dr. Ira Mellman, Parker Institute for Cancer Immunotherapy; Dr. David Faigenbaum, University of Pennsylvania; and Dr. Yasmine Belkaid, Institut Pasteur. I am eagerly anticipating the morning plenaries and the afternoon 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. FOCIS Centers of Excellence also participate in the meeting with important and useful activities. A FCE Director's meeting is to share best practices, discuss FCE business, and determine collaborative projects. The FCE Fusion event is an invitation-only networking event. Trainees present their research during a moderated poster session and receive mentoring and feedback from FCE Directors.

Please join me in thanking the Scientific Program Committee, 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 Boston. Your presence is greatly appreciated as we continue to advance translational immunology through FOCIS.



Sincerely,

A handwritten signature in black ink, appearing to read 'Ignacio'.

Ignacio Anegón, MD
Nantes University
FOCIS President



DOWNLOAD THE FOCIS 2025 APP TODAY!

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Berlin
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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: FOCIS2025

Password: immunology

Exhibit & Poster Hall Hours

Tuesday, June 24:	6:15 PM – 7:30 PM
Wednesday, June 25:	7:30 AM – 7:30 PM
Thursday, June 26:	7:30 AM – 7:45 PM

Member Lounge (FOCIS Members Only)

Atrium Lounge (4th Floor)

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 2:30 pm on Friday.

Poster Set-Up and Take-Down Hours

Salon E

Tuesday, June 24	Set up:	1:00 PM – 5:00 PM
	Take down:	7:30 PM – 8:00 PM
Wednesday, June 25	Set up:	7:00 AM – 8:00 AM
	Take down:	7:30 PM – 8:00 PM
Thursday, June 26	Set up:	7:00 AM – 8:00 AM
	Take down:	7:45 PM – 8:15 PM

Registration and Speaker Check-In Hours

Registration Desk (4th Floor)

Speaker Ready Room (Yarmouth, 4th Floor)

Monday, June 23	7:00 AM – 5:00 PM
Tuesday, June 24	7:00 AM – 5:00 PM
Wednesday, June 25	7:00 AM – 5:00 PM
Thursday, June 26	7:00 AM – 5:00 PM
Friday, June 27	7:00 AM – 3:45 PM

Speakers

Speakers must check into the speaker-ready room (Yarmouth, 4th floor) at least 24 hours before the session begins. On Tuesday, June 24, speakers in the 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 COVID-19 and other 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.

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 **#FOCIS2025** so your post can be shared across our networks!

- Facebook: @focisimmunology
- X (Formerly Twitter): @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!](#)



Unlock the Power of Fluid Biomarkers

Experience NULISA™.

High-sensitivity and multiplex protein detection for the deepest profiling of inflammatory response.

Industry Tutorial:

Wednesday, June 25 | 11:45 AM - 1:00 PM (Lunch provided)

Accelerating Drug Development Through High-Sensitivity Multiplexed Immuno-profiling in Human and Mouse Models

Visit Booth #1



Speaker:
Pavithra Krishnaswami
Sanofi



Speaker:
Max Mahoney
Alamar Biosciences

Scan to learn
more about
NULISA.



A World Where Science Defeats Disease

Amgen R&D believes that for every patient there is a solution.

We combine our understanding of human genetics and disease biology with advanced science and technologies like protein engineering and AI capabilities to identify and deliver the most effective treatments for people living with the toughest diseases.

AMGEN



SCIENTIFIC PROGRAM SCHEDULE

Monday, June 23

7:00 AM – 5:00 PM

Registration Desk Open

Registration Desk, 4th Floor

8:00 AM – 5:00 PM

Systems Immunology Course

Salon F

Course Co-Directors:

Emanuele de Rinaldis, PhD, Sanofi

Magnus Fontes, PhD, Roche

Course Faculty:

Giorgio Gaglia, PhD, Sanofi

Ilan Wapinski, PhD, Sanofi



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Tuesday, June 24

7:00 AM – 5:00 PM

Registration Desk Open

Registration Desk, 4th Floor

8:00 AM – 5:15 PM

Cancer Immunity & Immunotherapy Course

Gloucester

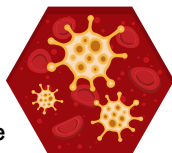
Course Co-Directors:

Asha Pillai, MD, Regeneron Therapeutics

Stephanie Dougan, PhD, Dana Farber Cancer Institute

Course Faculty:

Michael Dougan, MD, PhD, Massachusetts General Hospital



8:00 AM – 9:30 AM

Inflammation in the Gut: How Cytokines Determine Host Fate

Salons C-D

Co-Chairs: Gretchen Diehl, PhD, Memorial Sloan Kettering Cancer Center and Ivan Zononi, PhD, Harvard Medical School

Organized by



8:00 AM Gut Pathobiont Induced Anti-inflammatory Cytokines During IBD

Gretchen Diehl, PhD, Memorial Sloan Kettering Cancer Center

8:18 AM Cytokine Regulation of Fungal Commensalism and Infection in the Gut

Iliyan Iliev, PhD, Cornell University

8:36 AM ILC3s Coordinate Innate and Adaptive Immunity in IBD

Randy Longman, MD, PhD, Cornell University

8:54 AM Inflammasomes Regulate Epithelial Cell Response to Intestinal Infections

Isabella Rauch, PhD, Oregon Health and Science University

9:12 AM Interferons in the Regulation of Intestinal Inflammation

Ivan Zononi, PhD, Harvard Medical School

8:00 AM – 9:30 AM

CAR Racing to Cure Cancer and Beyond

Salons J-K

Chair: David L Porter, MD, University of Pennsylvania

Organized by



8:00 AM CAR T-cell Therapies: From B-cell Malignancies to Autoimmune Diseases

David L Porter, MD, University of Pennsylvania

8:30 AM Novel CAR T-cell Approaches for Solid Tumors and Other Diseases

Carl June, MD, University of Pennsylvania

9:00 AM Engineering NK cells for the Immunotherapy of Cancer: From Bench to Bedside

Katy Rezvani, MD, PhD, MD Anderson Cancer Center



8:00 AM – 9:30 AM

Immune and Microbiome Dynamics in Respiratory and Allergic Diseases

Berkeley - Fairfield

Co-Chairs: Milena Sokolowska, MD, PhD, University of Zurich and Maria J. Torres, EAACI President

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EAACI
EUROPEAN ACADEMY OF ALLERGY
AND CLINICAL IMMUNOLOGY

8:00 AM **Host-microbiome Interactions in Severe Asthma**

Ian Adcock, PhD, Imperial College and Royal Brompton Hospital

8:30 AM **Immunological Landscape of Respiratory Diseases: Insights from Viral Infections and Beyond**

Chrysanthi Skevaki, MD, PhD, Universities of Giessen and Marburg Lung Center

9:00 AM **Heterogeneity of Human Innate Lymphoid Cells in Type 2 Inflammation**

Jenny Mjösberg, PhD, Karolinska University Hospital Huddinge

8:00 AM – 11:30 AM

Update on Gene- and Cell-based Therapies - the National German Strategy

Salons A-B

Chair: Stefan Meuer, MD, University of Heidelberg

Organized by



8:00 AM **The German Society of Immunology Current Status, Strategies, and New Developments**

Stefan Meuer, MD, University of Heidelberg

8:15 AM **German Update on Gene- and Cell-based Therapies**

Christian Gallus, PhD, Berlin Institute of Health at Charité

8:45 AM **New Horizons in Autoimmune Disease by T-cell Therapy for Deep Depletion of B-cells and Immune Reset**

Georg Schett, MD, University Hospital Erlangen

9:15 AM **Questions and Answers**

9:30 AM **Coffee Break**

10:00 AM **CAR Effector Cells: Pushing the Boundaries in Cancer Treatment and Beyond**

Barbara Seliger, PhD, Brandenburg Medical School "Theodor Fontane", Faculty of Health Sciences, Institute for Translational Immunology

10:30 AM **Clinical Translation of CAR Engineered NK-Cells for Treatment of Cancer and Autoimmunity**

Torsten Tonn, MD, University of Frankfurt

11:00 AM **Immunotherapy for Brain Tumors – From Vaccines to Personalized T-cell Therapies**

Michael Platten, MD, University of Heidelberg

8:00 AM – 11:30 AM

Deciphering the Genetic Etiologies of Lupus - One Gene at a Time

Salons H-I

Co-Chairs: Elena Hsieh, MD, University of Colorado School of Medicine; Children's Hospital Colorado and Tiphane Vogel, MD, PhD, Baylor College of Medicine; Texas Children's Hospital

Organized by



8:00 AM **The NRAS/KRAS Disease Spectrum Includes Systemic Lupus Erythematosus (SLE)**

Susan Canny, MD, PhD, University of Washington, Seattle Children's Hospital

8:20 AM **Coatomer Associated Protein Subunit Alpha (COPA) Syndrome: The Next Great Imitator**

Tiphane Vogel, MD, PhD, Baylor College of Medicine; Texas Children's Hospital

8:40 AM **Activated PI3K-Delta Syndrome (APDS) Therapy Illustrates Precision Medicine in Pediatric Autoimmunity**

Elena Hsieh, MD, University of Colorado School of Medicine; Children's Hospital Colorado

9:00 AM **Lysinuric Protein Intolerance (LPI): Complex Immune Dysregulation in an Inborn Error of Metabolism**

Lindsay Burrage, MD, PhD, Baylor College of Medicine; Texas Children's Hospital

9:20 AM **Q&A for 1st session**

9:30 AM **Coffee Break**

10:00 AM **B Cell-intrinsic Regulation of Lupus Pathogenesis by NADPH Oxidase**

Shaun Jackson, MD, PhD, University of Washington; Seattle Children's Hospital

10:20 AM **New Insights on Toll Like Receptor (TLR)-mediated Genetic Inflammatory Disease**

Alice Lepelley, PhD, Imagine Institute of Genetic Diseases/Inserm

10:40 AM **Making Sense of Lupus Risk Variants**

Leah Kottyan, PhD, Center for Autoimmune Genomics and Etiology (CAGE), Cincinnati Children's Hospital Medical Center

11:20 AM **Q&A for 2nd session**





8:00 AM – 11:30 AM

Evolving Cell Therapies in Transplantation - Epigenetic Modulation

Arlington

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

Organized by



8:00 AM **Foxp3 Depends on Ikaros for Control of Regulatory T-cell Gene Expression and Function**

Andrew D. Wells, PhD, University of Pennsylvania

8:30 AM **Limitations to CAR-Tregs as Mediators of Infectious Transplantation Tolerance**

Anita Chong, PhD, University of Chicago

9:00 AM **An Epigenetic Human Cytomegalovirus Infection Score Predicts Viremia Risk in Seropositive Lung Transplant Recipients**

Joanna Schaenman, MD, PhD, David Geffen School of Medicine, UCLA

9:30 AM **Coffee Break**

10:00 AM **Distinctive Tissue-of-origin Patterns of Cell-free DNA and Graft vs Host Disease**

Sean Agbor-Enoh, MD, PhD, National Institutes of Health, and Johns Hopkins Hospital

10:30 AM **DNA Methylation Patterns in Allograft Injury**

John Greenland, MD, PhD, University of California, San Francisco

11:00 AM **CD3ε Epsilon Editing to Redirect Treg**

Dimitrios Laurin Wagner, MD, PhD, Charité – Berlin University of Medicine

10:00 AM – 11:30 AM

Perspectives Gained from Elucidating Immune Pathways and Immune Cells Across Immune-mediated Diseases

Salons C-D

Co-Chairs: Yoshiya Tanaka, MD, PhD, University of Occupational and Environmental Health, and
Isao Matsumoto, MD, PhD, University of Tsukuba

Organized by



10:00 AM **Overview by Chair**

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

10:05 AM **Immunogenetics and Clinical Management of Multiple Sclerosis**

Noriko Isobe, MD, PhD, Kyushu University

10:26 AM **Searching for Novel Biomarkers and Treatment Targets in Vogt-Koyanagi-Harada Disease**

Koh-Hei Sonoda, MD, PhD, Kyushu University Graduate School of Medicine, Japan

10:47 AM **Stage-specific GATA3 Induction Promotes ILC2 Development after Lineage Commitment**

Hiroshi Nakajima, MD, PhD, Graduate School of Medicine, Chiba University, Japan

11:08 AM **Interactions Between Age-Related Immune Responses and Immune-mediated Diseases**

Keishi Fujio, MD, PhD, Graduate School of Medicine, The University of Tokyo

10:00 AM – 11:30 AM

New Insights in HPV-related Diseases at Pathogen, Host and Therapeutic Levels

Salons J-K

Co-Chairs: Olivier Boyer, MD, PhD, Rouen University and Emmanuelle Jouanguy, PhD, Human Genetics of Infectious Diseases, INSERM, Université Paris

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10:00 AM **Defects in T-cell Activation and Epithelial Tissue Homeostasis can Inform Novel Treatment Strategies for HPV-related Diseases**

Andrea Lisco, MD, PhD, National Institute of Allergy and Infectious Diseases, National Institutes of Health

10:30 AM **Inborn Errors of Immunity and HPV-related Skin Diseases**

Ahmad Yatim, MD, PhD, Rockefeller University

11:00 AM **Immune Cell Topography and Cancer Cell Heterogeneity in HPV-associated Oropharyngeal Carcinoma**

Charalampos Floudas, MD, DMSc, MS, National Cancer Institute, National Institutes of Health



10:00 AM – 11:30 AM

Advances in Allergy and Immunology from Mast Cells, Climate Change, Gut Microbiome to Biomarkers

Berkeley - Fairfield

Chair: Ruby Pawankar, MD, PhD, Asia Pacific Association of Allergy, Asthma and Clinical Immunology

Organized by



10:00 AM **Biomarkers Guiding Patient Tailored New Treatments in Allergy**

Edward Knol, PhD, University Medical Center Utrecht

10:30 AM **Mast Cell Activation Disorders: From Genetic Mutations to Immune Dysregulation**

Mariana Castelles, MD, PhD, Harvard Medical School

11:00 AM **Interlink Between Climate Change, Gut Microbiome and Allergies**

Ruby Pawankar, MD, PhD, Asia Pacific Association of Allergy, Asthma and Clinical Immunology



1:30 PM – 5:00 PM

Investigating Common Mechanisms of Autoimmunity

Salons A-B

Co-Chairs: Joshua Vieth, PhD, Breakthrough T1D, James Quinn, PhD, National MS Society, and Maya Bader, PhD, Lupus Research Alliance
Organized by



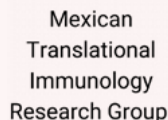
- 1:30 PM **Welcome Remarks & Award Announcements**
- 1:50 PM **Illuminating our Understanding of Autoimmunity – From GWAS to Clinical Intervention**
Jane Buckner, MD, Benaroya Research Institute
- 2:25 PM **Inflammation and Protein Modifications in the Mechanisms of Autoimmunity**
Mark Mamula, PhD, Yale University School of Medicine
- 3:00 PM **Coffee Break**
- 3:30 PM **Granzyme K+ Accumulates in Many Autoimmune Tissues and Activates the Entire Complement Cascade**
Michael Brenner, MD, Brigham and Women's Hospital
- 4:05 PM **Single-cell Genomics Dissection of Common Immune Networks Driving Autoimmunity**
Alexandra-Chloe Villani, PhD, Harvard University
- 4:40 PM **Panel Discussion / Group Q&A**

1:30 PM – 5:00 PM

Latin-American Immunologists Symposium

Salons C-D

Co-Chairs: Ruben Motrich, PhD, Centro de Inmunología Clínica de Córdoba (CICC), CIBICI-CONICET, and Sofía Russo, PhD, Universidad de la República, Institut Pasteur de Montevideo
Organized by



Session 1: Unravelling Challenges in Reproductive Health and Infectious and Autoimmune Diseases

- 1:30 PM **Semen Inflammation to Fertility Challenges: Unraveling the Immune Cross-talk Between Male and Female Genital Tracts and its Impact on Offspring**
Ruben Motrich, PhD, Centro de Inmunología Clínica de Córdoba (CICC), CIBICI-CONICET
- 1:50 PM **Recovery of Dendritic Cell Function During HSV Infection to Limit Herpetic Skin Disease**
Pablo Gonzalez, PhD, Millennium Institute on Immunology and Immunotherapy

- 2:10 PM **The Effect of Anti-COVID19 Vaccination on the Prevention of Short-, and Long-term Effects of the Infection with SARS-CoV2**
Luiz Vicente Rizzo, MD, PhD, Instituto Israelita de Ensino e Pesquisa Albert Einstein
- 2:30 PM **CRUZIVAX Project: R&D of a Prophylactic and Therapeutic Vaccine Against Chagas Disease**
Emilio L. Malchiodi, PhD, FCE Vaccines and ImmunoTherapies Against Infections and Cancers (VITIC)
- 2:50 PM **The Cation Channel TMEM176B is a Druggable Protective Factor in Autoimmune Encephalomyelitis**
Daniela Olivera, PhD, University of the Republic; Institut Pasteur de Montevideo
- 3:00 PM **Coffee Break**

Session 2: Immune Dysregulation in Health and Disease: Roles of Nutrients, Allergens, and Cellular Crosstalk

- 3:30 PM **Unveiling the Mucosal Context for IgE Production in the Gut of Patients Sensitized to Food Allergens**
Guillermo Docena, PhD, Universidad de La Plata
- 3:50 PM **Role of Altered Levels of Vitamin D3 in the Immune Defense Against Bacterial Infections**
Susan Bueno, PhD, Millennium Institute on Immunology and Immunotherapy
- 4:10 PM **SLAM Receptors in Normal Immunity and Cancer**
Mario Ernesto Cruz Muñoz, PhD, Universidad Autónoma del Estado de Morelos
- 4:30 PM **Understanding the Immune Dysregulation at Single Cell Level in Children with Down Syndrome: Focus on the T-B cell Crosstalk in Secondary Lymph Organs**
Mariana Maccioni, PhD, FCE CAITI, CIBICI-CONICET, Universidad Nacional de Córdoba
- 4:50 PM **Closing Remarks**

Congratulations! Margaux Verdon, Nantes University 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.



Donate online at www.focisnet.org.



1:30 PM – 5:00 PM

Understanding the Human Immune Response Through Advances in Immune Repertoire Analysis

Salons H-I

Co-Chairs: Corey Watson, PhD, University of Louisville School of Medicine and William Lees, PhD, CTO, Clareo Biosciences Inc

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BODY
SOCI
ETY**

1:30 PM **Introduction to The AIRR Community and the Purpose of this Symposium; Polymorphism in IG/TR loci and the Significance for Human Health: Impact on Disease Response, Biomarkers and Vaccination**

Corey Watson, PhD, University of Louisville School of Medicine

2:10 PM **IG Receptor Germline Complexity in the Cynomolgus Macaque, and Implications for its use as a Model for Human Disease**

William Catalano, National Institute of Allergy and Infectious Diseases/NIH

2:30 PM **Announcing the AIRR Community Human TCR Genomic Reference Set**

James Heather, PhD, Massachusetts General Hospital

3:00 PM **Coffee Break**

3:30 PM **AIRR Community Resources for AIRR-seq Analysis and Genomic Profiling**

William Lees, PhD, CTO, Clareo Biosciences Inc

4:00 PM **Tools for Germline-aware Analysis of AIRR-seq Repertoires**

Ayelet Peres, Yale University

4:20 PM **Systems-level Analysis of Adaptive Immunity to Understand the Influence of Genetic and Environmental Factors in Health and Disease**

Gur Yaari, PhD, Yale University

4:50 PM **Final Questions and Closing Remarks**

Corey Watson, PhD, University of Louisville School of Medicine

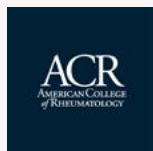
1:30 PM – 5:00 PM

An Eye on the Microbiome - New Paradigms and Opportunities for Therapeutic Intervention

Salons J-K

Co-Chairs: Lynn Hassman, MD, PhD, University of Colorado, and Tejpal Gill, PhD, Oregon Health and Sciences University

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1:30 PM **Introduction**

Lynn Hassman, MD, PhD, University of Colorado

1:31 PM **Learning Mucosal and Systemic Immunity From Gut Microbes**

Ramnik Xavier, MD, Broad Institute

2:01 PM **Metabolic Profiling in Spondyloarthritis and Acute Anterior Uveitis Identifies Shared and Divergent Metabolic Pathways**

Tejpal Gill, PhD, Oregon Health and Science University

2:16 PM

The Starved Gut in Chronic Disease: Addressing the Deficient Host Energy Requisite to Drive Wound Healing and Inflammatory Resolution

J. Scott Lee, PhD, University of Colorado

2:31 PM

Highways to Inflammatory Arthritis: Mapping the Mucosal-joint Interchange

Kristi Kuhn, MD, PhD, University of Colorado School of Medicine

3:00 PM

Coffee Break

3:31 PM

Aberrant Tfh Cells Generated by Th17 Cell Plasticity in the Gut Promote Systemic Autoimmunity

Joyce Wu, BVM, PhD, The Ohio State University

3:46 PM

CD8 T-cells Bring Intestinal Immunity to the Eye and Joint in HLA-B*27-associated Inflammation

Michael Paley, MD, PhD, Washington University in St. Louis

4:01 PM

The Gut-eye Axis in Retinal Autoimmunity

Rachel Caspi, PhD, National Eye Institute, NIH

4:31 PM

Mechanisms of Propionate-induced Protection in Experimental Autoimmune Uveitis

Phoebe Lin, MD, PhD, Cole Eye Institute, Cleveland Clinic

4:46 PM

Defining the Ocular Surface Microbiome and its Role in Ocular Surface Inflammation

Vishal Jhanji, MD, University of Pittsburgh Medical Center

1:30 PM – 5:00 PM

Innate Immunotherapy in Cancer: Bridging Fundamental Mechanisms and Clinical Trials

Arlington

Co-Chairs: Sourav Ghosh, PhD, Yale University School of Medicine, and Carla Rothlin, PhD, Yale University

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International Union of Immunological Societies

1:30 PM

MregDCs in Anti-tumor Immunity

Miriam Merad, MD, PhD, Mount Sinai

2:00 PM

Immune Regulation and Facilitation of Pancreatic Cancer Metastasis

Ingunn Stromnes, PhD, University of Minnesota

2:30 PM

Cancer Associated Fibroblasts, Troglodytosis, Immunesuppression and Pancreatic Cancer

Igor Astasurov, MD, PhD, Fox Chase Cancer Center, Temple Health

3:00 PM

Coffee Break

3:30 PM

Nerve Associated Macrophages in Cancer

Kamal Khanna, PhD, New York University

4:00 PM

Innate Immune Receptor-Based CARs for In Vivo Programming of Myeloid Cells to Combat Solid Tumors

Robert Hofmeister, PhD, CSO, Myeloid Therapeutics

4:30 PM

mRNA-encoded Adjuvant Enzymes Unlock Anti-tumor T-cell Immunity

Jonathan C. Kagan, PhD, Harvard Medical School



1:30 PM – 5:00 PM

Spotlighting New Discoveries: Translating Promising New Technologies to Better Understand and Manage Cancer, Autoimmune Disease and Transplantation

Berkeley - Fairfield

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

Organized by



1:30 PM

Introduction

Barbara Detrick, PhD, The Johns Hopkins University

1:35 PM

Exploring and Translating the Next Generation of CAR T Cell Immunotherapies for Cancer and Applications for Autoimmune Diseases

Carl H. June, MD, University of Pennsylvania, Perelman School of Medicine

2:15 PM

OX40L-CAR-T(regs) Target Activated Antigen Presenting Cells and Control T Cell Alloreactivity

Leslie S. Kean, MD, PhD, Boston Children's Hospital, Harvard Medical School

3:00 PM

Coffee Break

3:30 PM

Emerging New Strategies for Immunotherapies in Autoimmune Diseases

Maximilian F. Konig, MD, The Johns Hopkins University, School of Medicine

4:10 PM

The Therapeutic Age of the Neonatal Fc Receptor in Autoimmunity and Transplantation

Richard S. Blumberg, MD, Brigham and Women's Hospital, Harvard Medical School

4:50 PM

Final Questions and Closing Remarks

Elaine Reed, PhD, University of California, Los Angeles

5:30 PM – 6:15 PM

Opening Keynote Address

Salons F-G

Chair: Ignacio Anegón, MD, Nantes University, FOCIS President
Decoding Type 1 Diabetes: AI-Powered Discoveries from Peripheral Blood and Organ Donor Tissues

Todd Brusko, PhD, University of Florida

6:15 PM – 7:30 PM

Exhibit and Poster Opening Reception (authors present)

Salon E

Wednesday, June 25

7:00 AM – 5:00 PM

Registration Desk Open

Registration Desk, 4th Floor

7:00 AM – 8:00 AM

Coffee with the Committee for Inclusion and Representation

Regis

7:30 AM – 8:00 AM

Coffee with Exhibitors

Salon E

Sponsored by



8:00 AM – 9:30 AM

Tissue Generation and Repair

Salons F-G

Chair: Esen Sefik, PhD, Yale University

Co-Chair: Sotaro Nakajima, The University of Tokyo

8:00 AM

Tregs and Tissue Repair

Diane Mathis, PhD, Harvard University

8:30 AM

RORγt+ Dendritic Cells in Intestinal Immunity

Marco Colonna, MD, Washington University in St. Louis

9:00 AM

Immune-mediated Regulation of the Intestinal Stem Cell Compartment

Alan Hanash, MD, PhD, Memorial Sloan Kettering Cancer Center

9:30 AM – 10:00 AM

Coffee with Exhibitors

Salon E

Sponsored by



10:00 AM – 11:30 AM

Engineered Immunity; Finding the Sweet Spot

Salons F-G

Chair: Dimitrios L. Wagner, MD, PhD, Charité – Berlin University of Medicine

Co-Chair: Mogesh Sababathy, University of Putra Malaysia

10:00 AM

Harnessing Innate Immunity in Cancer Therapy

Eric Vivier, PhD, Innate Pharma and AP-HM, Aix-Marseille University and the Center for Immunology of Marseille-Luminy

10:30 AM

Development of iPS Cell-based T Cell Therapy Product for Controlling Antigen-specific Immunity

Shin Kaneko, MD, PhD, Center for iPS Cell and Research and Application (CiRA), Kyoto University

11:00 AM

Checkpoint Myocarditis: Bridging Clinical Challenges and Translational Discoveries

Kerry Reynolds, MD, Massachusetts General Hospital
Chloe Villani, PhD, Massachusetts General Hospital





Industry and Partner Sessions

11:30 AM – 1:00 PM

Partner Session: 2025 Lupus Insight Prize Award Ceremony and Luncheon

Berkeley – Fairfield

Sponsored by



**LUPUS
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ALLIANCE**



11:30 AM Introduction

Gary Koretzky, MD, PhD, Co-Chair, Lupus Research Alliance Research Committee of the Board of Directors; Weill Cornell Medicine

11:40 AM Presentation of the 2025 Lupus Insight Prize to Deepak Rao, MD, PhD

11:45 AM Keynote Presentation: Rebalancing the Pathologic Immune Response in Lupus

Deepak Rao, MD, PhD, Harvard Medical School; Brigham and Women's Hospital

12:30 PM Keynote Presentation: Organ Injury in Systemic Autoimmunity is Mediated by Stem-Like CD8 T Cells Arising from Tissue-Draining Lymph Nodes

Joseph Craft, MD, Yale School of Medicine

11:45 AM Industry Tutorial: Accelerating Drug Development Through High-Sensitivity Multiplexed Immuno-profiling in Human and Mouse Models

Gloucester/Copley Square

Max Mahoney, Regional Sales Director, Alamar

Biosciences, Pavithra Krishnaswami, Senior Scientist, Sanofi

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11:45 AM Industry Tutorial: Novel Fluorescent Dyes from BioLegend, Expanding the Spectrum of Flow Cytometry Solutions. A tale of optimization of a 39-color Immune Checkpoint Panel

Arlington

Speaker: Sanna Younger, PhD, BioLegend (part of Revvity)

Sponsored by



1:00 PM – 2:45 PM

Allergy – Mechanisms to Treatments

Salons A-D

Chair: Stephen Adelstein, MBBCh, PhD, FRACP, FRCPA, Royal Prince Alfred Hospital

Co-Chair: Tatsuki Abe, The University of Tokyo

1:00 PM Identifying, Characterizing, and Targeting Distinct Sources of IgE to Durably Reverse Allergy

Andre Limnander, PhD, Regeneron

1:25 PM EVO756: A Promising Oral MRGPRX2 Inhibitor Showing Strong Preclinical and Phase 1 Results (Poster W149)

Jamie Harden, PhD, Evomune, Inc

1:40 PM Fungal Symbiosis in the Gastrointestinal Tract: Implications for Cytokine-Mediated Immune Communication

Iliyan D. Iliev, PhD, Weill Cornell Medicine

2:05 PM

Novel Bile Acid Suppresses Neutrophilic Airway Inflammation in Non-Type 2 Asthma (Poster W111)

Taehyun Kim, BSc, University of British Columbia

2:20 PM

Peripheral Neuroimmune Interactions in Allergic Disorders

Nicolas Gaudenzio, PhD, INSERM and Genoskin

1:00 PM – 2:45 PM

Microbiome and Immunity

Salons F-G

Chair: Clive Gray, BSc Hons, MSc, PhD, ASSAf, Tygerberg Hospital, Stellenbosch University

Co-Chair: Andrea Mastrangelo, MD, Centre Hospitalier Universitaire Vaudoise

1:00 PM

Immune Dysregulation and Microbiota in Primary Immune Deficiency

Barbara Cassani, PhD, University of Milan / IRCCS Humanitas Research Hospital

1:25 PM

Pooled Faecal Microbiotherapy Can Curb Refractory Gastrointestinal Acute Graft-versus-Host Disease Likely Through DP8a Treg Induction/Activation (Poster W198)

Margaux de Seilhac, INSERM U1302 - Immunology and New Concepts in Immunotherapy (INCIT)

1:40 PM

Role of Anti-microbiota Immunity in Inflammatory Bowel Disease

Ivan Vujkovic Cvijin, PhD, Cedars-Sinai Medical Center

2:05 PM

Sex Differences in the Human Gut Microbiota Contribute to CNS Autoimmunity (Poster W142)

Rachel Rock, BS, University of California - San Francisco

2:20 PM

Host-Microbe Interactions at the Oral Mucosal Barrier

Niki Moutsopoulos, DDS, PhD, NIH/NIAID

1:00 PM – 2:45 PM

Systems Immunology & AI

Salons H-K

Chair: Jo Viney, PhD, Seismic Therapeutic

Co-Chair: Amir Abdelmoumen, MD, Msc., UMC Utrecht

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1:00 PM

Using T. brucei as a "Protein Resurfacing" Microorganism to Derive the "Rules" of Antigen-Antibody Interactions

F. Nina Papavasiliou, PhD, German Cancer Research Center

1:25 PM

A Multiomics Resource of B Cell Activation Helps Decipher Disease Pathogenesis (Poster W154)

Vitor Aguiar, PhD, Boston Children's Hospital, Harvard Medical School

1:40 PM

Charting the Immune System Landscape

Shai Shen-Orr, PhD, Technion / CytoReason

2:05 PM

Non-linear Trajectories of Human Immune Ageing Associated with Long-Term Survival (Poster W182)

Prasanti Kotagiri, PhD, Cambridge University

2:20 PM

Systems Human Immunology and AI - Immune Setpoint and Immune Health

John Tsang, PhD, Yale University



2:45 PM – 3:15 PM

Coffee Break with Exhibitors

Salon E

Sponsored by  Cartesian therapeutics

3:15 PM – 5:15 PM

Immunogenetics

Salons A-D

Chair: Pamela L. Schwartzberg, MD, PhD, NIH/NIAID

Co-Chair: Ryuya Edahiro, Osaka University

3:15 PM **A New Risk Gene Is Associated with Very Early Onset Inflammatory Bowel Disease and Autoimmune Hepatobiliary Disease: A Mechanistic Study Using Patient Organoids and Transgenic Models (Poster W113)**

Siyan Cao, MD, PhD, Washington University in St. Louis

3:30 PM **The Ulcerative Colitis Susceptibility Gene *Adenylyl Cyclase 7* Restrains Th2 Cytokine Production and Class II Antigen Presentation (Poster W220)**

Christopher J. Cardinale, MD, PhD, Children's Hospital of Philadelphia

3:45 PM **Unveiling the Role of IL-12A in Lupus: Linking Genetic Risk to B Cell Pathogenicity (Poster W147)**

Mariasilvia Colantuoni, Boston Children's Hospital

4:00 PM **Functional Assessment of Genetic Variants of CARD11 and BCL10 with Saturation Genome Editing (Poster W175)**

Nathan Camp, Seattle Children's Research Institute

4:15 PM **Atlas of Promoter-Enhancer Interactions in Human ILC3s Links Crohn's Disease-Associated Variants with Established and Newly Implicated Target Genes (Poster W196)**

Nora Lakes, Cincinnati Children's Hospital

4:30 PM **X-MAID Disease Caused by a Novel Synonymous MSN Variant That Disrupts mRNA Splicing (Poster W179)**

Simran Samra, MS, BC Children's Hospital, University of British Columbia

4:45 PM **Enhancer Hijacking of IgH Locus Leading to Antibody Deficiency and Invasive *Streptococcus Pneumoniae* Infection (Poster W174)**

Joshua M. Tobin, Washington University in St. Louis

5:00 PM **Human ELF4 Deficiency Illuminates Its Role in Inflammasome Biology (Poster W150)**

Dinesh Babu Uthaya Kumar, Yale University

3:15 PM – 5:15 PM

Autoimmunity and Transplantation

Salons F-G

Chair: Anita Chong, PhD, University of Chicago

Co-Chair: Jacquelyn Nestor, MD, PhD, Massachusetts General Hospital

3:15 PM **Single-cell Chromatin Accessibility Identifies Dysregulated Transcription Factor-gene Networks in Peripheral Blood of Lupus Patients (Poster W143)**

Ammar J. Alsheikh, MD, PhD, AbbVie

3:30 PM **Evidence for Human Thymopoiesis in a Porcine Thymus Graft and T Cell Tolerance to the Source Pig in a Living Human Recipient of a Porcine GalSafe™ Thymokidney Xenotransplant (Poster W155)**

Farshid Fathi, PhD, Columbia University

3:45 PM **Mechanistic Studies in a New Tolerance Trial of Combined Kidney and Bone Marrow Transplantation (Poster W210)**

Pinar Gur Cetinkaya, PhD, Columbia University

4:00 PM **Stem-like Peripheral Helper T Cells Seed Their Effector Counterpart in Rheumatoid Arthritis (Poster W144)**

Yuki Masuo, MD, Kyoto University

4:15 PM **Antigen-specific B Cells Cross-Present Citrullinated Proteins to Activate CD8 T Cells in Rheumatoid Arthritis (Poster W114)**

Jae Seung Moon, Stanford University

4:30 PM **Daratumumab Depletes Pathogenic Antibody-Secreting Cells, Reduces Type-I Interferon Activity and Improves T Cell Function in Systemic Lupus Erythematosus (Poster W115)**

Lennard Ostendorf, MD, PhD, Charité – Berlin University of Medicine

4:45 PM **Heterogeneity, Persistence, and Clonal Relationships of B Cell-helper T Cells in Lupus (Poster W117)**

John M. Sowerby, PhD, Brigham and Women's Hospital

5:00 PM **Rejection of Synthetic Human Skin Can Be Triggered by Donor Endothelial Cell Presentation of Alloantigen (Poster W211)**

Zuzana Tobiasova, PhD, Yale University





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Please Join Us in Honoring
2025 Lupus Insight Prize Awardee



Deepak Rao, MD, PhD

Harvard Medical School
Brigham and Women's Hospital

Dr. Rao will be recognized for his seminal discovery that interferon subverts an AHR-JUN axis to promote CXCL13+ T cells in lupus

Ceremony and Luncheon
FOCIS Annual Meeting 2025

June 25, 2025 – 11:30AM – 1:00PM ET



More about the innovative research we fund:
lupusresearch.org

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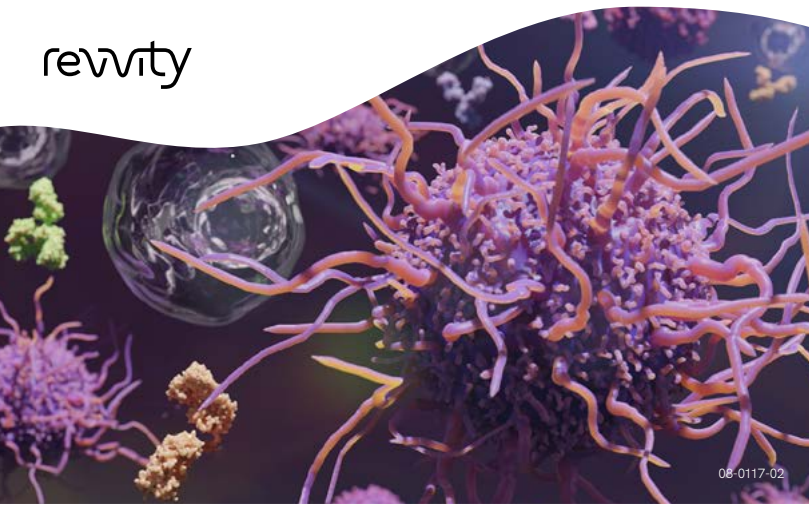
Join our industry tutorial: 39-color immune checkpoint flow cytometry panel—advancing spectral cytometry analysis with BioLegend's novel fluorescent conjugates

Wednesday, June 25, at 11:45 a.m.-1:00 p.m. EDT

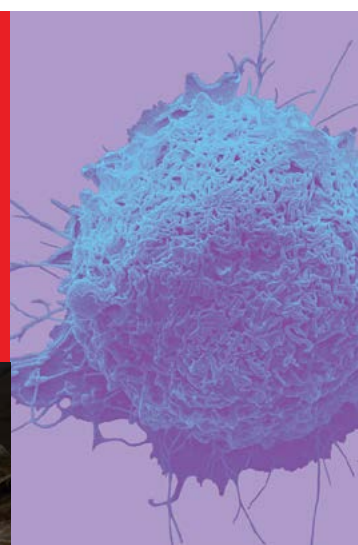
Sanna Younger, PhD, Technical Application Scientist II, Life Sciences Segment, BioLegend

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3:15 PM – 5:15 PM

Late-Breaking Abstracts

Salons H-K

Chair: Lucie Van Emmenis, PhD, Journal of Experimental Medicine

Co-Chair: Ahmad Yatim, MD, PhD – The Rockefeller University

3:15 PM **Engineering Relapse-Resistant CAR T-Cells for Blood Cancers (Penta T-Cells) (Poster W169)**

Philipp C. Rommel, Dr. rer. nat., University of Pennsylvania

3:30 PM **Gut Microbiota and Metabolites Influence CAR-T Cell Persistence, Efficacy, and Predict Outcomes in Multiple Myeloma (Poster W104)**

Manel Juan, MD, PhD, Hospital Clinic de Barcelona

3:45 PM **IL17-producing Follicular Helper T Cells Promote Germinal Center Autoreactivity in Systemic Lupus Erythematosus (Poster W119)**

Manuel A. Podestà, MD, PhD, Fondazione IRCCS Ca' Granda Ospedale

4:00 PM **Targeting IRF5: Discovery and Preclinical Development of Selective Small Molecule Inhibitors (Poster W145)**

Nuruddeen Lewis, PhD, HotSpot Therapeutics

4:15 PM **Therapeutic Development for Axial Spondyloarthritis: ERAP-1 Inhibition by GRWD0715 Results in Auto-Antigen Loss on HLA-B*27 and the Inhibition of Cognate CD8⁺ T Cell Responses (Poster W146)**

Samantha Bucktrout, PhD, Greywolf Therapeutics

4:30 PM **ADA2 Orchestrates Interferon Responses and Safeguards Hematopoietic Stem Cell Integrity (Poster W148)**

Chiara Rigamonti, San Raffaele Telethon Institute for Gene Therapy

4:45 PM **The Molecular Mechanisms of Treg Plasticity (Poster Th168)**

Havva Marzban, DVM, PhD, Mayo Clinic - Scottsdale

5:00 PM **Single-Cell Multi-Omic Profiling of Human Influenza Challenge Uncovers Dynamic Peripheral Innate Responses Modulated by Disease Severity and Viral Shedding (Poster W195)**

Kalani Ratnasiri, Stanford University

3:15 PM – 5:15 PM

Flow Cytometry Course: Day 1

Provincetown

Chair: Holden Maecker, PhD, Stanford University

Validation of Flow Cytometry Assays

Yolanda Mahnke, PhD, FlowKnowHow LLC

New Dyes for Flow Cytometry

Anna Belkina, MD, PhD, Boston University

5:30 PM – 6:15 PM

Keynote Address

Salons F-G

Chair: Megan Levings, PhD, University of British Columbia

The Coming Renaissance of Cancer Immunotherapy

Ira Mellman, PhD, Parker Institute for Cancer Immunotherapy & Medici Therapeutics

6:15 PM – 7:30 PM

Exhibit and Poster Reception (authors present)

Salon E

Sponsored by



7:30 PM – 8:30 PM

FOCIS Member Reception (FOCIS Members Only)

3rd Floor Atrium

Join us for complimentary hors d'oeuvres, drinks, live music, and fun! Let FOCIS show you how we value you! Not a member? Join now at the registration desk.

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Thursday, June 26, 2025

7:00 AM – 5:00 PM

Registration Desk Open

Registration Desk, 4th Floor

7:30 AM – 8:00 AM

Coffee with Exhibitors

Salon E

8:00 AM – 9:30 AM

Neuronal Control of Immune Response

Salons F-G

Chair: Jane Grogan, PhD, Biogen

8:00 AM **Interorgan Neuroimmune Axes**

Brian Kim, MD, MTR, FAAD, Icahn School of Medicine at Mount Sinai

8:30 AM **Neuroimmune Interactions Shaping Social Behavior**

Gloria Choi, PhD, The Picower Institute for Learning and Memory / Massachusetts Institute of Technology

9:00 AM **Body Brain Circuits Regulating Inflammation and Infection**

Hao Jin, PhD, NIH/NIAID

9:30 AM – 10:00 AM

Coffee with Exhibitors

Salon E

10:00 AM – 11:30 AM

JAK/STATs in Disease

Salons F-G

Chair: Lucy Wedderburn, PhD, University College London

Co-Chair: John Sowerby, PhD, Brigham and Women's Hospital

Sponsored by



10:00 AM **Genetic Architecture of Incomplete Penetrance**

Dusan Bogunovic, PhD, Columbia University

10:30 AM **Mechanisms of Variable Penetrance and Precision Medicine Opportunities Gleaned from Genetic Disorders Impacting JAK/STAT Signaling**

Joshua Milner, MD, Columbia University

11:00 AM **KT-621: First STAT6-Targeted Medicine in Clinical Development**

Arsalan Shabbir, MD, Kymera Therapeutics



11:45 AM – 11:55 AM

State of FOCIS Address

Salons F-G

Ignacio Anegon, MD, Nantes University, FOCIS President

11:55 AM – 12:40 PM

Keynote Address

Salons F-G

Session Chair: Joshua Milner, MD, Columbia University

From Chasing My Cure to Every Cure: Leveraging Novel Techniques and Mechanistic Insights to Unlock New Uses for Old Drugs

David Fajgenbaum, MD, MBA, MSc, University of Pennsylvania

Industry and Partner Sessions

12:40 PM – 2:10 PM

12:40 PM Partner Session: Committee for Inclusion and Representation, cosponsored by Transplantation Society

Gloucester

Who Takes the Center Stage in Science and Why

Chair: Monica L. Guzman, PhD, Weill Cornell Medicine

Shaifali Sandal, MD, McGill University

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12:40 PM Industry Tutorial: Primary HLH and Gamifant

Berkeley – Fairfield

E. Scott Halstead, MD, PhD, Associate Professor of Pediatrics, Division of Pediatric Critical Care Medicine, Penn State University College of Medicine

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2:10 PM – 3:55 PM

Immune Dysregulation, Lessons from Monogenic Disease

Salons A-D

Chair: Tiphany Vogel, MD, PhD, Baylor College

Co-Chair: Simran Samra, MSc, BC Children's Hospital, University of British Columbia

2:10 PM Golgi-trapped TNFRSF1A Variants Induce Endosomal Dysfunction and Stress-driven Inflammation in Still's Disease

Michael Ombrello, MD, NIH/NIAID

2:35 PM EML4 Deficiency as a Novel Cause of Alveolar Macrophage Dysfunction and Interstitial Lung Disease (Poster Th176)

Shruti Swamy, MBBS, FRACP, Garvan Institute of Medical Research

2:50 PM Novel Coenzyme Q6 Genetic Variant Increases Susceptibility to Pneumococcal Disease

Sharon Celeste Morley, MD, PhD, Washington University in St. Louis

3:15 PM Dissecting the Glycolytic Requirements of Human T Cells via G6PC3 Deficiency (Poster Th155)

Xin Zhen, BS, Vanderbilt University

3:30 PM A (Not-So) Rare Monogenic Disease: Lessons from Population Wide Studies of TNFAIP3

Daniella Schwartz, MD, University of Pittsburgh

2:10 PM – 3:55 PM

Environment Impact on Immunity & Inflammation

Salons H-K

Chair: Shai Shen-Orr, PhD, Technion / Israel Institute of Technology

Co-Chair: Carolyn H. Baloh, MD, Brigham & Women's Hospital, Harvard, Immune Tolerance Network

2:10 PM Environment Impact on Airway Epithelial Homeostasis

Jin-Ah Park, MS, PhD, Harvard University

2:35 PM Friend or Foe? Tissue Resident Memory CD8+ T Cells with Patient-Specific TCRs Induce Allopurinol Associated Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis (Poster Th102)

Chelsea Campbell, MS, Vanderbilt University

2:50 PM Heterogeneity of Type 2 Immune Response in Rewilded Mice

P'ng Loke, PhD, NIH/NIAID

3:15 PM Chronic Exposure to Glyphosate-Based Herbicides Compromises Semen Quality, Which in Turn Disrupts the Immunoregulation of the Female Genital Tract and Affects Fetal Development (Poster Th185)

Yair Aron Chocobar Torres, Centro de Inmunología Clínica de Córdoba

3:30 PM Early Life Exposures Guide Immune System Development in Human Newborns

Petter Brodin, MD, PhD, Karolinska Institutet

2:10 PM – 3:55 PM

Vaccines, Emerging Pathogens & Post-infectious Syndromes

Salons F-G

Chair: Pablo González, PhD, Pontificia Universidad Católica de Chile

Co-Chair: Timothy A. Watkins, Yale University

2:10 PM Blood Drivers of Thromboinflammation and Neuropathology in COVID-19

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

2:35 PM Beyond Genetics: Lyme Disease's Unexpected Role in Connective Tissue Health - Findings from a Murine Model for Borrelia burgdorferi Infection and the Human Clinical Study MAESTRO (Poster Th170)

Grace Loeser, BSc, Massachusetts Institute of Technology

2:50 PM Vaccine Immunity Counteracts Respiratory Virus-mediated Impairment of Immunological and Neurological Synapses

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

3:15 PM Germline Variants and Somatic Mosaic Chromosomal Alterations Affect COVID-19 Vaccine Immunogenicity, Infectious Diseases, and Autoimmune Diseases (Poster Th151)

Yukinori Okada, MD, PhD, The University of Tokyo, Osaka University, RIKEN IMS

3:30 PM What Triggers Multisystem Inflammatory Syndrome in Children after SARS-CoV-2 Infection?

Adrienne Randolph, MD, MSc, Boston Children's Hospital



3:55 PM – 4:25 PM

Coffee with Exhibitors

Salon E

4:25 PM – 6:25 PM

Immune Mechanisms

Salons H-K

Chair: Ruben Motrich, PhD, National University of Cordoba,

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Co-Chair: Margaux Verdon, INSERM U1302 - Immunology and New Concepts in Immunotherapy (INCIT)

4:25 PM **AID Governs Plasma Cell Fate Decision by Demethylation of the Irf4 Locus in Germinal Center B Cells (Poster Tu216)**

Lisa Westerberg, PhD, Karolinska Institute

4:40 PM **TGF- β 3 Induces Oral Tolerance by Imprinting Gut-Homing Capacity in Regulatory T Cells (Poster Th178)**

Diego Delgado-Zaldivar, INCMNSZ – National Institute of Medical Sciences and Nutrition Salvador Zubirán

4:55 PM **Stimulated CD4⁺ T Cells Initiate Blood Coagulation Through Polyphosphate Release (Poster Th135)**

Reiner K. Mailer, University Medical Center Hamburg-Eppendorf

5:10 PM **Lymph Node HIV-specific CD8 T Cells of HIV Controllers Harbour a Specific Transcriptomic Signature (Poster Th171)**

Andrea Mastrangelo, MD, Centre Hospitalier Universitaire Vaudoise

5:25 PM **RhoG Is Upregulated in Neutrophils and Monocytes Isolated from Peripheral Blood of Septic Patients and Animals and Regulates Migration and Inflammatory Functions in Innate Immune Cells in Vitro (Poster Th139)**

Pranita P. Sarangi, PhD, Indian Institute of Technology Roorkee

5:40 PM **Kynurenine-Driven Metabolic Adaptations Rewire CD4 T Cells in a Subset-Specific Manner in Human Critical Illness and Severe Sepsis (Poster Th157)**

Matthew T. Stier, MD, PhD, Vanderbilt University

5:55 PM **Granzyme K Drives a New Pathway of Complement Activation That Contributes to Disease Pathology (Poster Th130)**

Erin Theisen, MD, PhD, Brigham and Women's Hospital

6:10 PM **Role of Carbon Monoxide-producing Escherichia Coli Nissle 1917 in Reducing the Severity of Inflammatory and Infectious Diseases in Mice (Poster Th172)**

Omar P. Vallejos, PhD, Pontificia Universidad Católica de Chile

4:25 – 6:25 PM

Immuno-engineering and Therapeutics

Salons F-G

Chair: Jyothsna Visweswaraiyah, PhD, Seismic Therapeutic

4:25 PM **Engineering Thymic Selection to Promote Acceptance of Allogeneic Transplantation (Poster Th144)**

Valentina Consoli, IRCCS Ospedale San Raffaele, San Raffaele Telethon Institute for Gene Therapy

4:40 PM **Induction of Antigen-Specific T Cell Tolerance by CNP-104 Positively Affects Clinical Response in Primary Biliary Cholangitis (PBC) (Poster Th107)**

Adam Elhofy, PhD, COUR Pharmaceuticals

4:55 PM **Combinatorial Genetic Engineering Strategy for Antigen-specific Protection of Stem Cell-derived Beta Cells by Chimeric Antigen Receptor Regulatory T Cells (Poster Th194)**

Leonardo M.R. Ferreira, PhD, Medical University of South Carolina

5:10 PM **Engineering of Regulatory T Cells with Hepatocyte-specific Chimeric Antigen Receptor Enhances Liver Tissue Trafficking (Poster Th143)**

Marc Martinez-Llordella, PhD, Quell Therapeutics

5:25 PM **Discovery and Characterization of a Novel Engineered Fc-fused IgE Cleaving Enzyme for Treatment of IgE Mediated Diseases (Poster Th101)**

Nam Le, Seismic Therapeutic

5:40 PM **SBT115301: A Second Generation CD2-targeting LFA3 Fusion Protein to Restore Immune Homeostasis in Autoimmune Disease (Poster Th112)**

Hervé Lebrech, PharmD, PhD, DABT, Sonoma Biotherapeutics

5:55 PM **Engineered Cellular Therapies Targeting 9G4 Idiotope B Cells in Autoimmune Diseases and Lymphoma (Poster Th106)**

Jin Liu, Johns Hopkins University

6:10 PM **Chemokine-engineered CAR-T Cells for Autoimmunity: Multiplexed mRNA Technology for Improved Mode of Action and Safety (Poster Th142)**

Norman M. Drzeniek, MD PhD, Charité – Berlin University of Medicine



4:25 PM – 6:25 PM

Immuno-oncology

Salons A-D

Chair: Ricardo Pujol Borrell, MD, PhD, Universitat Autònoma de Barcelona, Vall d'Hebron Institute of Oncology

Co-Chair: Harris Avgousti, Northwestern University

4:25 PM **Implementation of Complex in Vitro 3D Lung Cancer Model to Monitor Resistance to Immune Checkpoint Inhibitors Through Deep Profiling at Single-cell and Spatial Resolution (Poster Th161)**

Sandra Curras-Alonso, PhD, Sanofi

4:40 PM **cDC1 and Tissue-Resident Exhausted CD8 T Cells Drive Disease Control and Checkpoint Blockade Immunotherapy Response in Melanoma (Poster Th160)**

Saraí G. De León Rodríguez, MD, UMAE Hospital de Especialidades, Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social, Universidad Nacional Autónoma de México

4:55 PM **Single Cell Spatial Transcriptomics of the Human Bone Marrow Reveals Active Adaptive Immunity in Myelodysplastic Syndromes (Poster Th190)**

Susan DeWolf, MD, Memorial Sloan Kettering Cancer Center

5:10 PM **Cancer-Associated ALDH1 Metabolism Enforces Immune Evasion (Poster Th159)**

Christopher Garriss, PhD, Massachusetts General Hospital and Harvard Medical School

5:25 PM **Enhancing Adoptive Immunotherapy: Targeting Epstein-Barr Virus with Highly Active, Durable and Immunosuppression-resistant Cytotoxic CD4+T Cells (Poster Th145)**

Prabesh Khatiwada, Columbia University

5:40 PM **Regulation and Dysregulation of Disease-Specific Immune Responses by Human Dendritic Cell Subset (Poster Th162)**

Eynav Klechevsky, PhD, Washington University in St. Louis

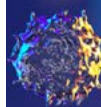
5:55 PM **The ATP-binding Cassette Membrane Transporter MDR1 Promotes Tumor-specific CD8 T Cell Persistence (Poster Th165)**

Lincoln Brown, Vanderbilt University

6:10 PM **Clonal Evolution Analysis of Paediatric Lymphoma Reveals Highly Diversified Cellular Status and Potential Targets for Precision Medicine (Poster Th196)**

Lisa Westerberg, PhD, Karolinska Institute

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4:25 PM – 6:25 PM

Flow Cytometry Course: Day 2

Provincetown

Chair: Holden Maecker, PhD, Stanford University

Flow Cytometry Preprocessing and Quality Control

Caroline Duault, PharmD, PhD, Stanford University

Manual Gating Guidelines for Flow Cytometry

Holden Maecker, PhD, Stanford University

6:30 PM – 7:45 PM

Exhibits and Poster Reception (authors present)

Salon E

Sponsored by



Friday, June 27

7:00 AM – 3:45 PM

Registration Desk Open

Registration Desk, 4th Floor

8:00 AM – 9:30 AM

Metabolic Dysfunction and Inflammation

Salons F-G

Chair: Deepak Rao, MD, PhD, Harvard University

Co-Chair: Brandon Hilliard, University of Colorado Anschutz

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8:00 AM Obesity, Bariatric Surgery, the Gut Microbiome, and Immunotherapy Response in Breast Cancer

Liza Makowski, PhD, MS, University of Tennessee

8:30 AM Metabolic Dysfunction in the Inflammatory Microenvironment

Jeffrey Rathmell, PhD, Vanderbilt University

9:00 AM Metabolic Regulation of Immunological Aging

Vishwa Deep Dixit, DVM, PhD, Yale University

9:30 AM – 10:00 AM

Coffee Break

Salon Foyer

10:00 AM – 11:30 AM

Precision Medicine for Immune Dysregulation

Salons F-G

Chair: Ciriaco Piccirillo, PhD, McGill University

Co-Chair: Saraí G. De León Rodríguez, MD, UMAE Hospital de Especialidades, Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social, Universidad Nacional Autónoma de México

Sponsored by



Biogen.

10:00 AM mRNA Cancer Therapeutics Coming of Age

Kristine McKinney, PhD, Moderna Therapeutics

10:30 AM Engineered Antigen-specific Regulatory T Cells (Tregs) to Treat Autoimmune Diseases

Joshua Ooi, PhD, Monash University

11:00 AM Antibody Reactome Profiling via Programmable Molecular Display Technology

Ben Larman, PhD, Johns Hopkins University

11:45 AM – 12:30 PM

Keynote Address

Salons F-G

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

Immunological Control of Host Physiology

Yasmine Belkaid, PhD, Institut Pasteur

Industry and Partner Sessions

12:45 PM – 2:00 PM

12:45 PM Partner Session: Journal of Experimental Medicine – Meet the Editor

Lucie Van Emmenis, PhD, Academic Publishing at JEM

Arlington



2:00 PM – 3:45 PM

Alloreactivity from Transplant to Maternal-fetal Interface

Salons A-D

Chair: Adrienne Randolph, MD, MSc, Boston Children's Hospital

Co-Chair: To be announced

2:00 PM Leveraging Tolerance Mechanisms of Pregnancy for Transplantation Tolerance

Anita Chong, PhD, University of Chicago

2:25 PM Use of Engineered CAR-Treg Cells to Induce Immune Tolerance in Liver Transplantation – Insights from the LIBERATE Clinical Trial (Poster Tu154)

Marc Martinez-Llordella, PhD, Quell Therapeutics

2:40 PM Measuring the Impact of Regulatory T Cell Therapy in Transplantation

Fadi Issa, DPhil FRCS, Oxford University

3:05 PM Shared and Distinct Placental Immune Dynamics Across Pregnancy Complications (Poster Th186)

Rachelly Normand, PhD, Massachusetts General Hospital, Harvard Medical School, Broad Institute

3:20 PM Innate Allorecognition and Reproductive Success

Fadi Lakkis, MD, University of Pittsburgh

Congratulations!

Erin Theisen, MD, PhD Brigham and Women's Hospital/Harvard Medical School

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.

Clinical Immunology

An International Journal of Translational and Interventional Immunology



2:00 PM – 3:45 PM

Immuno-oncology

Salons F-G

Chair: Galit Alter, PhD, Ragon Institute of MGH, MIT, and Harvard University

Sponsored by



2:00 PM **Type 2 Immunity May Hold Key to Long-term Cancer Remission**

Li Tang, PhD, École Polytechnique Fédérale de Lausanne

2:25 PM **Targeting T Cell-Myeloid Interactions in Immune Checkpoint Inhibitor-Induced Myocarditis for Therapeutic Development (Poster Th120)**

Carly Tymms, BA, Columbia University

2:40 PM **Dissecting and Overcoming Cancer Immune Evasion Due to Defects in the CD58-CD2 Axis**

Benjamin Izar, MD, PhD, Columbia University

3:05 PM **Mapping T Cell Antitumor Responses in Whole Blood to Solid Tumor Tissue Biopsies of Cancer Patients Using Mass Cytometry (Poster Th121)**

Lauren Tracey, PhD, Standard BioTools

3:20 PM **Hinges and Fuzzy Logic: New Tools for Achieving CAR/TCR Immunotherapeutic Precision**

Naomi Taylor, MD, PhD, NCI, NIH

2:00 PM – 3:45 PM

Ocular and Neuroinflammation

Salons H-K

Chair: Shibani S. Mukerji, MD, PhD, Massachusetts General Hospital

2:00 PM **Neuroimmune Signaling at the Choroid Plexus and in CSF**

Maria Lehtinen, PhD, Harvard University

2:25 PM **Intraocular Differentiation of Effector B Cells in Uveitis (Poster Th108)**

Lynn Hassman, MD, PhD, University of Colorado

2:40 PM **Brain-Immune Interaction After Ischemic Stroke**

Arthur Liesz, MD, Institute for Stroke and Dementia Research, LMU Munich

3:05 PM **Genetic Variation of the Alzheimer's Disease Risk Gene CD33 Modifies Microglial Immunometabolism (Poster 156)**

Kirstin Tamucci, PhD, Columbia University

3:20 PM **Neural Control of the Sickness State**

Anoj Ilanges, PhD, Janelia Research Campus

3:45 PM **FOCIS 2025 Annual Meeting Adjourns**

British Society for
immunology

FOCIS
Partner
Highlight

*FOCIS would
like to thank
our valued
partner:*

**British
Society
for
Immunology**

The British Society for Immunology's mission is to support our immunology community in driving scientific discovery and making a positive impact on health.

They accomplish this by:

- Providing the immunology community with support to establish more connections and enhance collaboration, both within their field and with other related scientific disciplines and between sectors.
- Providing sector-leading support to attract and retain talent in immunology.
- Influencing and improving the external environment to enable immunology to thrive and deliver positive outcomes for health.

Find out more at www.immunology.org

Congratulations!

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 2025).



Yuki Masuo, MD
Kyoto University

FOCIS
Federation of Clinical
Immunology Societies www.focisnet.org

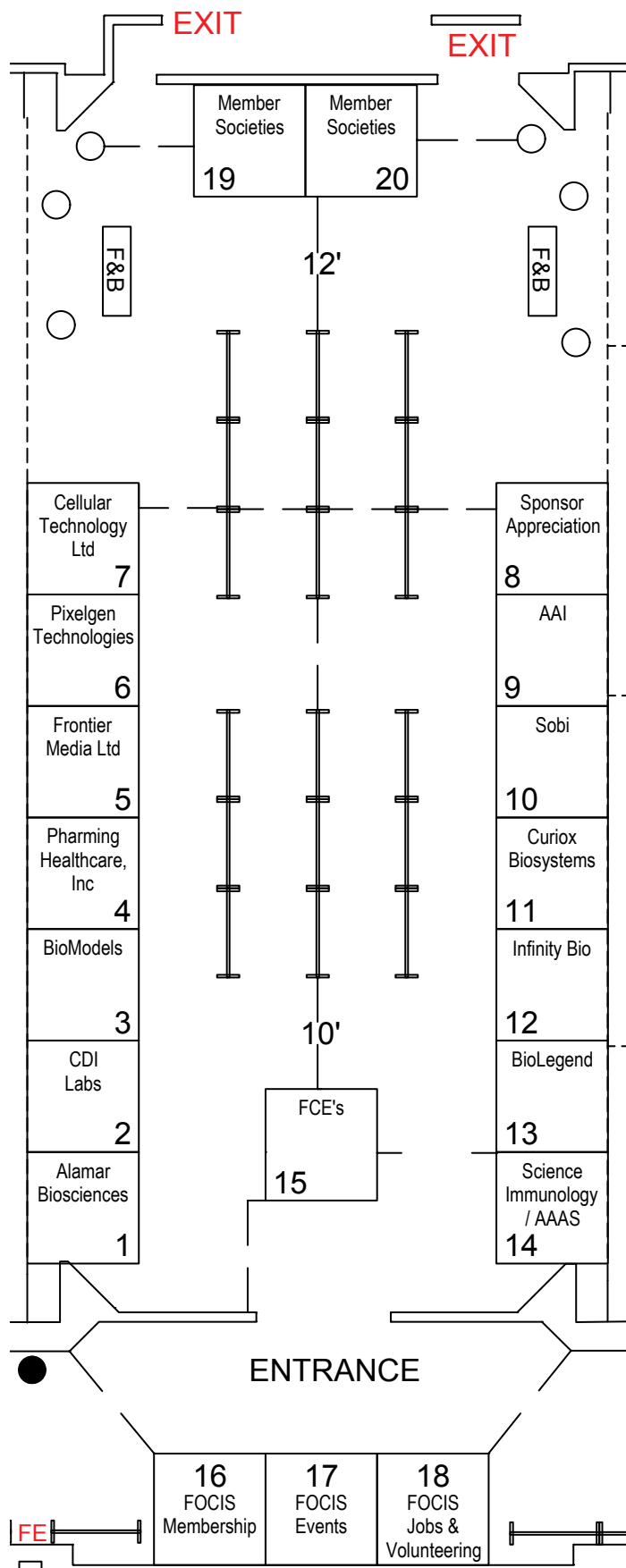
British Society for
immunology

**Join us for the BSI Poster Prize recognition
Thursday, June 26 during the
JAK/STATs in Disease
Plenary Session at 10:00 AM.**



Exhibitor Floor Plan

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

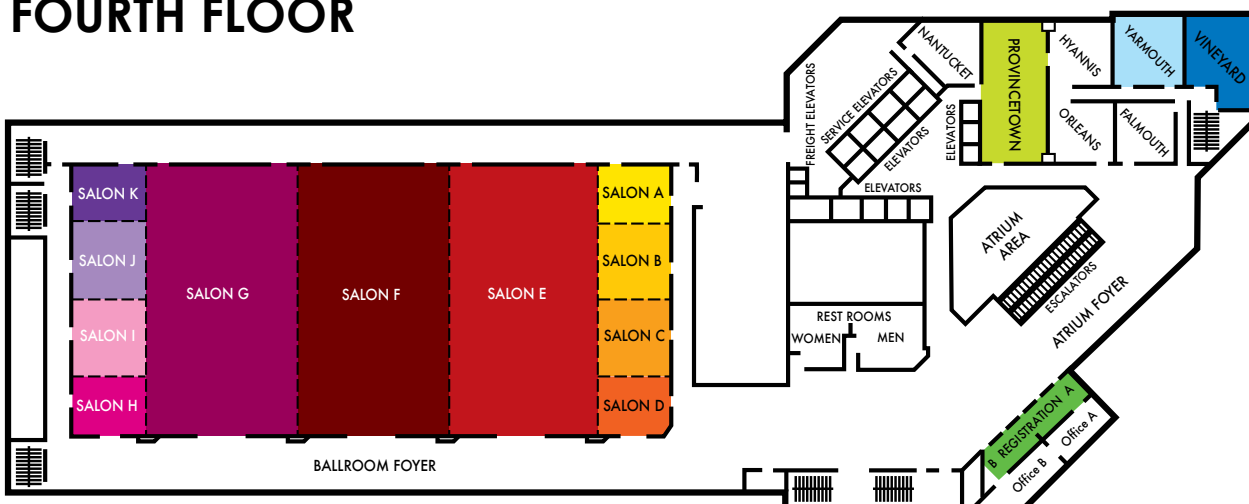


Exhibitor Listing and Floor Plans

Organization	Booth
Alamar Biosciences	1
CDI Labs	2
BioModels	3
Pharming Healthcare, Inc	4
Frontiers Media Ltd	5
Pixelgen Technologies	6
Cellular Technology Ltd	7
Sponsor Appreciation.....	8
American Association of Immunologists	9
Sobi	10
Curiox Biosystems	11
Infinity Bio	12
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Science Immunology/AAAS.....	14
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FOCiS Membership.....	16
FOCiS Events.....	17
FOCiS Jobs & Volunteering	18
FOCiS Member Societies.....	19
FOCiS Member Societies.....	20

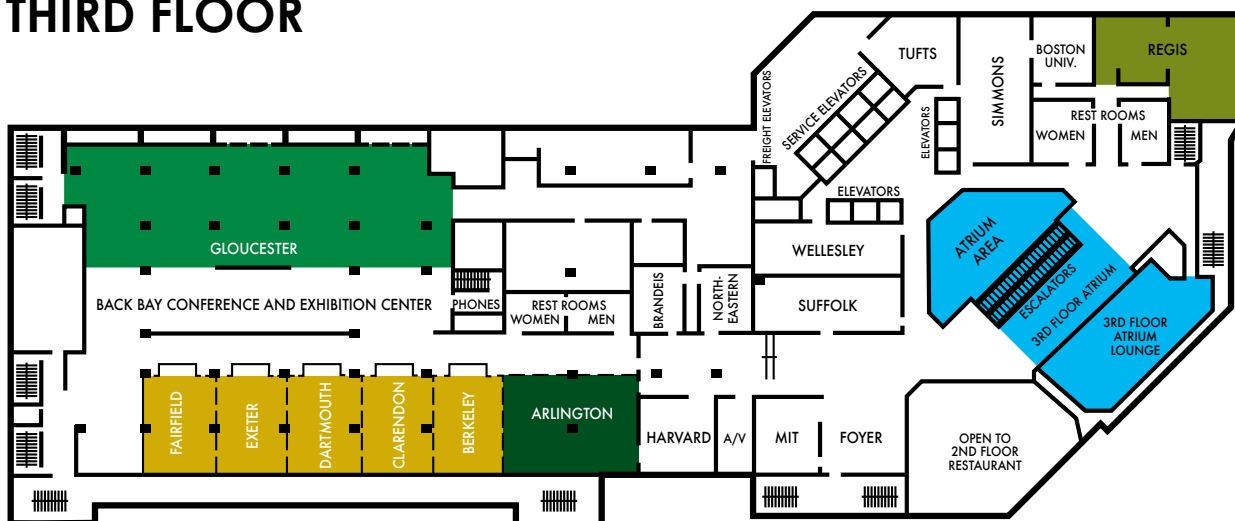
Hotel Maps

FOURTH FLOOR



- Registration Desk
- Provincetown
- Salon A
- Salon B
- Salon C
- Salon D
- Salon E
- Salon F
- Salon G
- Salon H
- Salon I
- Salon J
- Salon K
- Yarmouth
- Vineyard

THIRD FLOOR



- 3rd Floor Atrium
- Gloucester
- Arlington
- Regis
- Berkeley-Fairfield



Speaker, Organizer, and Contributor Disclosure Index

It is the policy of FOCIS to ensure balance, independence, objectivity, and scientific rigor in all educational activities. All speakers participating in FOCIS-sponsored activities are asked to disclose to FOCIS and the audience any real or potential conflict of interest that may have a direct bearing on the subject matter they are presenting. This pertains to relationships with pharmaceutical companies, device manufacturers, or other corporations whose products or services are related to the subject matter of the presentation topic. The intent of this policy is not to prevent a speaker with a potential conflict of interest from making a presentation. It is intended that any potential conflict should be identified openly so that the audience members may form their judgments about the presentation with full disclosure of the facts. Presentations which provide information in whole or in part related to non-approved uses for drug products and/or devices must clearly acknowledge the unlabeled indications or the investigative nature of their proposed uses to the audience. Speakers who plan to discuss non-approved uses for commercial products and/or devices must disclose this intent to the FOCIS audience.

The following presenters have indicated a relationship in which the context of their presentations could be perceived by some as a real or apparent conflict of interest, but do not consider that it will influence their presentations. If a presenter is not listed, he or she has no relationship to disclose. The number following each company name represents the specific relationship from the key below.

Key:

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

Akassoglou, Katerina: Roche (1-Terminated), Sanofi-Genzyme(1-Terminated), Therini Bio (1), Therini Bio (4)

Brodin, Petter: Cytodelics AB (4), Helaina Inc. (1), Kancera AB (1), Kancera AB (2), Pixelgen Technologies AB (1), Pixelgen Technologies AB (4)

Choi, Gloria: CJCJ (1-Terminated), hy, inc. (1), Interon Laboratories (1)

Fajgenbaum, David: Recordati Rare Disease (1), |Recordati Rare Disease (6)

Gaudenzio, Nicolas: Aikium (1), Aikium (4), CEVA (1), Escient Pharmaceuticals (1-Terminated), Genoskin (1), Genoskin (4), Incyte (1), Sanofi-Genzyme (1), Sanofi-Genzym (3)

Izar, Benjamin: Pharming (6)

Kaneko, Shin: Astellas (6), Panasonic (6), SHINOBI Therapeutics (1), SHINOBI Therapeutics (4), SHINOBI Therapeutics (6), SHINOBI Therapeutics (5), Takeda (1), Takeda (6)

Kim, Brian: AbbVie (1), Eli Lilly (1), LEO Pharma (1), Novartis (1), Pfizer (1-Terminated), Regeneron (1), Sanofi (1)

Lakkis, Fadi: CSL Behring (1), Incyte (3-Terminated)

Liesz, Arthur: CSL Behring (6), GentiBio (1), Roche (1), Sanofi (6)

Limnander, Andre: Regeneron Pharmaceuticals (2), Regeneron Pharmaceuticals (4)

McKinney, Kristine: Moderna Therapeutics (2), Moderna Therapeutics (4)

Mellman, Ira: Medici Therapeutics (4)

Milner, Joshua: Amgen (1), Blueprint Medicine (1), Pharming (6)

Ooi, Joshua: Amgen (5), Biocurate (5), Resseptor Therapeutics (1)

Papavasiliou, F. Nina: Panosome GmbH (4)

Randolph, Adrienne: Inotrem, Inc. (1), ThermoFisher SAB (1), Up-To-Date (5)

Rathmell, Jeffrey: Sitryx (1)

Reynolds, Kerry: Bristol Myers Squibb (6), CME Outfitters (3-Terminated), MedScope (3-Terminated), Regeneron (1-Terminated), SAGA Diagnostics (1-Terminated), Up-To-Date (1)

Schwartz, Daniella: Eli Lilly (6), Sobi (1), Sobi (6)

Shabbir, Arsalan: Kymera Therapeutics (2), Kymera Therapeutics (4)

Shen-Orr, Shai: CytoReason (4)

Tang, Li: Lemnan Biotech (1), Lemnan Biotech (4), Lemnan Biotech (5)

Tsang, John: CytoReason (1), Immunoscape (1)

Villani, Alexandra-Chloe: Bristol Myers Squibb (1-Terminated), Merck (1-Terminated)

Vivier, Eric: CSO Innate Pharma (2)

Make the Most of Your Conference Experience with the **FOCIS 2025 Mobile App!**

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Event Icon

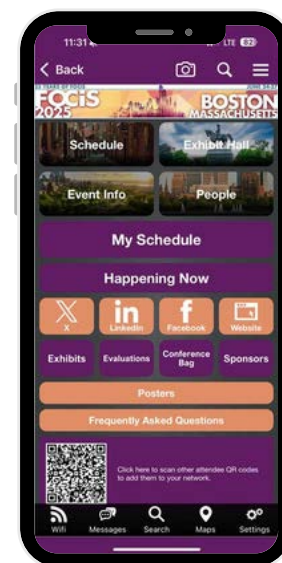
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3. App Tips

Download the app before you go! Wi-Fi connection on-site can affect the functionality of the app.

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SAVE^{THE}DATE



JUNE
9-12

FOCIS[®]

2026 ANNUAL
MEETING

SAN FRANCISCO, CA

**Monday, June 23**

FOCISed	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
	8:00 am – 5:00 pm	Systems Immunology Course (separate registration required)	Salon F

Tuesday, June 24

FOCISed	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
MSS	8:00 am – 5:15 pm	Cancer Immunity & Immunotherapy Course (separate registration required)	Gloucester AND Provincetown
MSS	8:00 am – 9:30 am	Inflammation in the Gut: How Cytokines Determine Host Fate	Salons C-D
MSS	8:00 am – 9:30 am	CAR Racing to Cure Cancer and Beyond	Salons J-K
MSS	8:00 am – 9:30 am	Immune and Microbiome Dynamics in Respiratory and Allergic	Berkeley - Fairfield
MSS	8:00 am – 11:30 am	German Update on Gene- and Cell-based Therapies - the National Strategy	Salons A-B
MSS	8:00 am – 11:30 am	Deciphering the Genetic Etiologies of Lupus - One Gene at a Time	Salons H-I
MSS	8:00 am – 11:30 am	Evolving Cell Therapies in Transplantation - Epigenetic Modulation	Arlington
	9:30 am – 10:00 am	Coffee Break	Salon Foyer
MSS	10:00 am – 11:30 am	Perspectives Gained from Elucidating Immune Pathways and Immune Cells	
		Across Immune-mediated Diseases	Salons C-D
MSS	10:00 am – 11:30 am	New Insights in HPV-related Diseases at Pathogen, Host and Therapeutic Levels	Salons J-K
MSS	10:00 am – 11:30 am	Advances in Allergy and Immunology from Mast Cells, Climate Change, Gut Microbiome to Biomarkers	Berkeley - Fairfield
		Investigating Common Mechanisms of Autoimmunity	Salons A-B
MSS	1:30 pm – 5:00 pm	Latin-American Immunologists Symposium	Salons C-D
MSS	1:30 pm – 5:00 pm	Understanding the Human Immune Response Through Advances in Immune Repertoire Analysis	Salons H-I
MSS	1:30 pm – 5:00 pm	An Eye on the Microbiome - New Paradigms and Opportunities for Therapeutic Intervention	Salons J-K
MSS	1:30 pm – 5:00 pm	Innate Immunotherapy in Cancer: Bridging Fundamental Mechanisms and Clinical Trials	Arlington
MSS	1:30 pm – 5:00 pm	Spotlighting New Discoveries: Translating Promising New Technologies to Better Understand and Manage Cancer, Autoimmune Disease and Transplantation	Berkeley - Fairfield
	3:00 pm – 3:30 pm	Coffee Break	Salon Foyer
Keynote	5:30 pm – 6:15 pm	Opening Keynote Address: Decoding Type 1 Diabetes: AI-Powered Discoveries from Peripheral Blood and Organ Donor Tissues	Salon F-G
	6:15 pm – 7:30 pm	Exhibit & Poster Opening Reception	Salon E

Wednesday, June 25

	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
	7:00 am – 8:00 am	Coffee with the Committee for Inclusion and Representation	Regis
Plenary	7:30 am – 8:00 am	Morning Coffee with Exhibitors	Salon E
	8:00 am – 9:30 am	Tissue Generation and Repair	Salon F-G
	9:30 am – 10:00 am	Coffee Break with Exhibitors	Salon E
Plenary	10:00 am – 11:30 am	Engineered Immunity; Finding the Sweet Spot	Salons F-G
Lunch Program	11:30 am – 1:00 pm	2025 Lupus Insight Prize Award Ceremony and Luncheon	Berkeley - Fairfield
Lunch Program	11:45 am – 1:00 pm	Industry Tutorial by BioLegend	Arlington
Lunch Program	11:45 am – 1:00 pm	Industry Tutorial by Alamar	Gloucester
Thematic	1:00 pm – 2:45 pm	Allergy - Mechanisms to Treatments	Salons A-D
Thematic	1:00 pm – 2:45 pm	Microbiome and Immunity	Salons F-G
Thematic	1:00 pm – 2:45 pm	Systems Immunology & AI	Salons H-K
	2:45 pm – 3:15 pm	Coffee Break with Exhibitors	Salons E
Oral Abstract	3:15 pm – 5:15 pm	Late-Breaking Abstracts	Salons H-K
Oral Abstract	3:15 pm – 5:15 pm	Immunogenetics	Salons A-D
Oral Abstract	3:15 pm – 5:15 pm	Autoimmunity and Transplantation	Salons F-G
	3:15 pm – 5:15 pm	Flow Cytometry Course, Day 1	Provincetown
Keynote	5:30 pm – 6:15 pm	Keynote Address: The Coming Renaissance of Cancer Immunotherapy	Salons F-G
	6:15 pm – 7:30 pm	Exhibit & Poster Reception	Salon E
	7:30 pm – 8:30 pm	FOCIS Member Reception (FOCIS members only)	3rd Floor Atrium

Thursday, June 26

	7:00 am – 5:00 pm	Registration Desk Open	Registration Desk
	7:30 am – 8:00 am	Morning Coffee with Exhibitors	Salon E
Plenary	8:00 am – 9:30 am	Neuronal Control of Immune Response	Salons F-G
	9:30 am – 10:00 am	Coffee Break with Exhibitors	Salon E
Plenary	10:00 am – 11:30 am	JAK/STATs in Disease	Salons F-G
	11:45 am – 11:55 am	State of FOCIS Address	Salons F-G
Keynote	11:55 am – 12:40 pm	Keynote Address: From Chasing My Cure to Every Cure: Leveraging Novel Techniques and Mechanistic Insights to Unlock New Uses for Old Drugs	Salons F-G
Lunch Program	12:40 pm – 2:10 pm	Partner Program: Committee for Inclusion and Representation, cosponsored by Transplantation Society	Gloucester
Lunch Program	12:40 pm – 2:10 pm	Industry Tutorial: Sobi	Berkeley - Fairfield
Thematic	2:10 pm – 3:55 pm	Immune Dysregulation, Lessons from Monogenic Disease	Salons A-D
Thematic	2:10 pm – 3:55 pm	Environment Impact on Immunity & Inflammation	Salons H-K
Thematic	2:10 pm – 3:55 pm	Vaccines, Emerging Pathogens & Post-infectious Syndromes	Salons F-G
	3:55 pm – 4:25 pm	Coffee Break with Exhibitors	Salon E
Oral Abstract	4:25 pm – 6:25 pm	Immuno-oncology	Salons A-D
Oral Abstract	4:25 pm – 6:25 pm	Immuno-engineering and Therapeutics	Salons F-G
Oral Abstract	4:25 pm – 6:25 pm	Immune Mechanisms	Salons H-K
	4:25 pm – 6:25 pm	Flow Cytometry Course, Day 2	Provincetown
	6:30 pm – 7:45 pm	Exhibit & Poster Reception	Salon E

Friday, June 27

	7:00 am – 3:45 pm	Registration Desk Open	Registration Desk
Plenary	8:00 am – 9:30 am	Metabolic Dysfunction and Inflammation	Salons F-G
	9:30 am – 10:00 am	Coffee Break	Salon Foyer
Plenary	10:00 am – 11:30 am	Precision Medicine for Immune Dysregulation	Salons F-G
Keynote	11:45 am – 12:30 pm	Keynote Address: Immunological Control of Host Physiology	Salons F-G
Lunch Program	12:45 pm – 2:00 pm	Partner Program by the Journal of Experimental Medicine	Arlington
Thematic	2:00 pm – 3:45 pm	Alloreactivity from Transplant to Maternal-fetal Interface	Salons A-D
Thematic	2:00 pm – 3:45 pm	Immuno-oncology	Salons F-G
Thematic	2:00 pm – 3:45 pm	Ocular and Neuroinflammation	Salons H-K