

In this issue...

- Advanced Course in Basic & Clinical Immunology
- Advanced Registration Rates Available for FOCIS 2023
- Abstract Submission Deadline Extended!
- Join Our Esteemed Lineup of Speakers at FOCIS 2023
- Register Now for FOCISed Courses
- Lupus Research Alliance Funding Opportunities
- FCE News Yale University
- FOCIS Highlights in Science Immunology
- Maintain Your FOCIS Membership Through 2023
- BSI Congress 2023
- FOCIS Career Opportunities
- Immunology Community Events



Join us in La Jolla or Online for the Advanced Course in Basic & Clinical Immunology

Past course attendees report immediate application of course content to their daily practice and research:



The interactive program will enrich your experience and give you many opportunities to network with faculty and other attendees. Upgrade to an all-inclusive registration package and stay at Estancia La Jolla, a luxurious hacienda-style resort nestled between San Diego's Seaside villages of La Jolla and Del Mar.

Register Program

Back to Top



Register for FOCIS 2023 by May 22 for the Best Rate!

The FOCIS Annual Meeting is the focal point of the translational immunology community, the place where researchers, clinicians, trainees, industry, and others engaged in the field, gather to share the latest advances in the understanding and treatment of immune-based diseases.

FOCIS is excited to be back in Boston for FOCIS 2023 at the Boston Marriott Copley Place, June 20-23, 2023.

Advanced registration is currently open. Register before May 22, 2023, to secure the best rate possible. FOCIS Members receive an even higher discount. Not a member? Join today!

Group registration is available! Do you have a working group or organization that would like to register for FOCIS 2023? Take advantage of our group discount!

Reserve your room for a discounted rate at the FOCIS 2023 host hotel, the Boston Marriott Copley Place. Discounted room rates are available until May 22, 2023, or until the block fills.

Register Today

Back to Top



Abstract Submission Deadline Extended!

Share your science with the international FOCIS community and have your work reviewed by experts in the field. The deadline for submissions has been extended and all abstracts must be submitted electronically through the submission site by **Wednesday**, **January 25**, **2023**.

Travel awards are available to FOCIS members whose abstracts are chosen for oral presentations. The number and amount of the awards are based upon several factors including geographic location, placement of abstract within the FOCIS 2023 program, and available funds.

Presenting authors of accepted abstracts are required to register to attend the FOCIS 2023 Annual Meeting by April 7, 2023, to ensure the abstract is included in the abstract supplement and scheduled into the program.

Submit an Abstract

Back to Top



Join Our Esteemed Lineup of Speakers

The Annual Meeting brings together leading clinicians and researchers to deliver the latest breakthroughs across translational immunology.

The FOCIS 2023 Scientific Program Committee has developed a dynamic program and is pleased to announce FOCIS 2023 keynote speakers:

Wednesday, June 21, 2023: Laurie Glimcher, MD, Dana-Farber/Harvard Cancer Institute **Wednesday, June 21, 2023:** Fiona Powrie, FRS, FMedSci, DBE, Kennedy Institute of Rheumatology

Thursday, June 22, 2023: Carl June, MD, University of Pennsylvania **Friday, June 23, 2023:** Nir Hacohen, PhD, Harvard Medical School

The preliminary scientific program is available now.

Register today to secure the best rate possible and save your seat for our keynote sessions.

Secure Your Seat

Back to Top

Register Now for Pre-Meeting FOCISed Courses

All courses are held at the Boston Marriott Copley Place in Boston, Massachusetts, the FOCIS 2023 venue. Two-course package rates are available as well as course-only rates. Register today to learn from the leaders of translational immunology!



Basic Immunology in Medicine

Monday, June 19, 2023

Reviews topics in basic immunology, with emphasis on recent advances relevant to the pathogenesis and treatment of immune-mediated inflammatory diseases.

View the course agenda and faculty here



Systems Immunology

Monday, June 19, 2023

Presents a conceptual framework of the main modeling, analysis and visualization technologies along with methodological principles for their application to translational research projects.

View the course agenda and faculty here



Cancer Immunity & Immunotherapy

Tuesday, June 20, 2023

Covers tumor immunology as the scientific foundation for the practice of cancer immunotherapy, emphasizing fundamental principles and clinical advances. Organized in collaboration with the Society for Immunotherapy of Cancer (SITC).

View the course agenda and faculty here.



Big Data - ImmPort Workshop

Tuesday, June 20, 2023

Elucidates the framework behind publishing re-purposed data from this openaccess database, and provides a hands-on introduction of processing, analyzing and advancing visualization of flow cytometry datasets.

View the course agenda and faculty here

FOCISed Pre-Meeting Courses

Back to Top



The Lupus Research Alliance (LRA) is the largest private funder of lupus research worldwide. The LRA aims to transform lupus treatment while advancing towards a cure by funding cutting-edge, innovative research and fostering diverse scientific talent.

The LRA encourages all qualified researchers to consider applying for the following opportunities:

Distinguished Innovator Award

Up to \$1 million over 4 years

Supports exceptionally creative scientists exploring potentially paradigm-shifting ideas about the fundamental causes of lupus.

Letters of Intent due: February 6, 2023

Lupus Mechanisms and Targets Award

Up to \$600,000 over 3 years

Supports established investigators focused on characterizing lupus pathogenesis and identifying and validating molecular pathways or druggable targets that could lead to new or improved therapies.

Letters of Intent due: March 1, 2023

Lupus Innovation Award

Up to \$300,000 over 2 years

Supports early-stage or established investigators conducting highly innovative, high-risk, high-reward projects addressing major challenges in lupus research. Early-stage investigators are also eligible to receive a third year of funding of up to \$150,000.

Letters of Intent due: March 1, 2023

Please visit the LRA's website for additional information about our grant programs.

#Dedicated

FCE Spotlight - Elena Hsieh, MD

Get to know FCE Director Elena Hsieh, MD, Associate Professor, Pediatrics-Allergy/Immunology, University of Colorado Anschutz School of Medicine



Take a moment to learn more about the Director of FOCIS' newest FCE, Elena Hsieh, MD. In an interview with FOCIS, Dr. Hsieh shared stories of her career path, her proudest achievements, involvement with FOCIS, and her work the University of Colorado Anschutz School of Medicine. Read excerpts from that interview below or listen to the full interview and read the transcript.

How did you first get started and then get involved in immunology?

I was one of those nerds who chose immunology as an undergraduate major. I got interested in immunology pretty early in my life. I am often asked, "how did you choose to have that major?" I actually grew up in southern Spain. I went all the way through high school there and then I came to the US for university. And in Spain, when you're in high school, you declare yourself in different branches along the way; "are you humanities or are you sciences?" And basically, by the second year of high school, I knew I was in sciences. And then as you get advanced in the sciences, then you branch into biology, physics, microbiology, immunology, etc. So, in high school, I already had made some declarations and choices. By the time I came to the United States and was an undergrad, I said "I'm interested in immunology." And it always fascinated me because I like to say that the immune system is very logical.

What advice would you give to young researchers just starting out in the field?

I think the advice for a young researcher is to remind them that though a lot of the research process is thinking about details of experiments and thinking about hypotheses; what I actually think is the biggest role that you have as a researcher is you have to like telling stories about your science. It's about you telling a story of how you arrived at your discovery, your contribution to science, what you think you bring to the table, what's known now that was not known before. And you actually have to enjoy that process. It can't just be the doing of the experiment and the planning of the experiment. You have to enjoy talking about the process and telling your story, which means you have to enjoy writing and rewriting. I think young researchers often forget that; they get caught in the "what am I supposed to do at the bench?" And for that to shine, you have to tell your story at the end of it.

How did you first get involved with FOCIS?

I first learned about FOCIS when I was a clinical fellow. I did a pediatric residency and then I did an allergy immunology fellowship. As I was in fellowship training, I was always interested in clinical immunology as in, how to take care of patients that have immunological problems. In that context, there are many pieces that come into play. One is, what is the clinical laboratory testing that I can do to assess immune function? That's important. The other part is what is the clinical picture that a patient should exhibit for me to think about them having an immune system problem. And then there's the research basic science piece that sometimes these patients are quite a mystery, and it takes doing experiments at the bench to be able to understand the root of their problem.

Back to Top

FCE News - Yale University

Stay up to date with the latest news and updates from the Yale University, a FOCIS Center of Excellence!

Awards and Honors

- David Schatz: Awarded the 2023 Paul Ehrlich and Ludwig Darmstaedter Prize
- Richard Bucala: Named 2022 Master of ACR
- Craig Wilen: Received the Odyssey Award from the Smith Family Foundation in November 2022. The award was created in 2017 to fuel creativity and innovation in junior investigators in the basic sciences and funds high-risk, high-reward pilot projects.

In the News

On November 17, 2022, the FDA approved a new medication, Teplizumab, which delays the onset of type 1 diabetes. Dr. Kevan Herold was a key investigator in the drug's development and led the clinical trial effort.

Additional Yale affiliated news links to the Teplizumab announcement:

Yale Researchers Develop First FDA-approved Drug to Delay Autoimmune Disease

3 Things To Know About Teplizumab, the New Diabetes Drug

Publications of Interest

- Richard Bucala: A Common Gene Variant Influences Your Risk of Severe Illness From COVID-19
- Steven Kleinstein: Published a series of 3 papers focused on predicting human vaccination responses, including the development of a public compendium of systems vaccinology datasets that are available to the wider scientific community for re-analysis
 - Pan-vaccine analysis reveals innate immune endotypes predictive of antibody responses to vaccination, *Nature Immunology*
 - Transcriptional atlas of the human immune response to 13 vaccines reveals a common predictor of vaccine induced antibody responses, *Nature Immunology*
 - The Immune Signatures data resource, a compendium of systems vaccinology datasets, Scientific Data

Want to showcase your FCE in future FOCIS publications? We would love to hear from you - submit your news here.

FOCIS Highlights in Science Immunology

Science Immunology

MAAAS

In every issue of *Science Immunology*, FOCIS leaders participate as Associate Scientific Editors for the FOCIS Highlights section. Associate Scientific Editors choose for review recent, unrepetitive, newly published papers on translational or clinical immunology themes of interest to broad audiences.

Multiplexing mRNAs builds a "broad-immunity wall" against the flu by David Martinez and Nicholas Catanzaro

<u>Bearing a grudge—How human natural killer cells remember past insults</u>
by Emily Mace

Back to Top



Continue Your FOCIS Membership Today!

Now is the time to renew your FOCIS membership!

An active FOCIS membership is the only way to ensure uninterrupted access to your many member benefits. FOCIS member benefits include:

- Networking opportunities with our global community;
- Member savings of over \$1,000 annually with discounts to our many educational opportunities,
- Free Annual Meeting abstract submissions,

- Complimentary job postings in our career center,
- And more!

As a reminder, if you belong to a FOCIS Member Society, you receive an even greater discount on your annual member dues.

Renew Your Membership

Back to Top



British Society for Immunology Congress

The British Society for Immunology Congress 2022, held on December 5–8, was the biggest ever BSI Congress with over 1,700 in attendance in Liverpool, UK and joining virtually from around the world. There was a fantastic programme featuring plenary sessions on tropical diseases, immunodeficiency, systems immunology, tissue immunology, immunotherapy and neuroimmunology. Read more about the highlights here or by checking the hashtag #BSI22.

The BSI Congress will be back next December in Belfast! Save the date for December 4–7, 2023 and check out the confirmed plenary sessions.

#Dedicated

FOCIS Career Opportunities

January 2023 Listings

ITN Biomarker & Discovery Research Project Manager

UCSF - Immune Tolerance Network

The ITN Biomarker & Discovery Research (BDR) Project Manager is a full-time position integral to biomarker discovery and validation efforts associated with multiple complex clinical trials to induce and maintain immunological tolerance.

View Now >>



Use the FOCIS Career Center to post job openings, find potential candidates, search openings, and subscribe to new posting notifications. To submit an opening, click here. FOCIS members may post job openings for free!

Explore Opportunities >>

Back to Top

Immunology Community Events



International Transplantation Science Meeting

Sunday, April 30 – Wednesday, May 3, 2023 Queen's Landing Hotel, Niagara-on-the-Lake, Ontario, Canada

View Event >>

Join FOCIS as we support Session 1: **B cells and Antibodies as Immune Regulators: From Bench to Bedside** on Monday, May 1 from 8:00 - 9:30 AM! Full program details are available at https://www.its2023.org/program/program-overview.

IMMUNOLOGY2023™

Thursday, May 11 – Monday, May 15, 2023 Walter E. Washington Convention Center in Washington, DC



View Event >>



18th International Congress of Immunology 27 Nov-2 Dec 2023 | Cape Town, South Africa Sunday, November 27 – Friday, December 2, 2023 Cape Town, South Africa

View Event >>

Submit Your Event >>

Back to Top



Federation of Clinical Immunology Societies

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