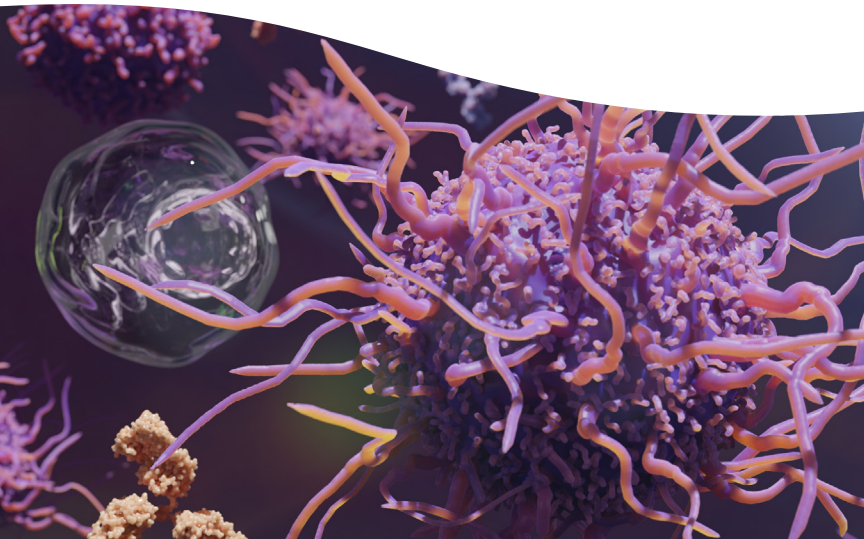



BioLegend®

AAI IMMUNOLOGY2024™ Pocket program

Workshops, poster presentations, talks,
and product and solutions updates

revvity





For over 20 years, BioLegend has enabled legendary discovery. Now powered by Revvity's greater Life Science and Diagnostic portfolio, we are thrilled to offer you expanded capabilities, products, and services to advance your immunology breakthroughs.

Browse through this pocket program to learn about our scheduled workshops, poster presentations, and sponsored events at the AAI IMMUNOLOGY2024™ conference, and discover how our 30,000 cutting-edge antibodies and reagents combine with our newest solutions to make a difference in your lab.

Visit us at Booth 703.

Learn more at [biolegend.com](https://www.biolegend.com)



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Events | Saturday, May 4

Workshop

- 1:00-1:45 p.m. Exhibitor Workshop Theater 2, Exhibit Hall F1
West Building, McCormick Place
- Optimized immunophenotyping with high dimensional spectral flow cytometry panels
- Zayda Piedra, PhD, Scientist II,
Scientific Applications Group, BioLegend*
-

AAI-BioLegend Herzenberg Award Presentation and Lecture

- 2:15-3:15 p.m. Skyline Ballroom W375C
- Awarding John C. Cambier,
University of Colorado, School of Medicine*
-

Poster presentations

- 3:15-4:30 p.m. Board Number B560
- Study of human KIR family molecules with novel monoclonal antibodies
- Evan Tang, PhD, Scientist I,
Flow Cytometry & Cell Analysis, BioLegend*
-

In-booth presentations

- 3:30-3:45 p.m. Intracellular targets and new applications for single-cell analysis
- Frank Harrison, PhD, Portfolio Manager,
Proteogenomics, BioLegend*

Events | Sunday, May 5

Lefrançois-BioLegend Memorial Award Presentation

10:00-11:30 a.m.

Room W183AB

*Awarding Vini John, PhD,
Postdoctoral Research Scholar,
Washington University School of Medicine*

Workshop

2:15-3:00 p.m.

Exhibitor Workshop Theater 2, Exhibit Hall F1
West Building, McCormick Place

Lineage-ambiguous memory T cells drive early
allergic sensitization through *de novo* IgE generation

*Josh Koenig, PhD, Assistant Professor,
McMaster University, Immunology Research Centre*

Poster presentations

11:30 a.m.-12:45 p.m.

Board Number B885

Developing a multiplex assay to monitor
apoptosis and necrosis using the
Cellaca™ PLX Image Cytometer

Leo Li-Ying Chan, PhD, Senior R&D Manager, Revvity

11:30 a.m.-12:45 p.m.

Board Number B903

Development of a high-throughput image
cytometric screening method as a research tool
for immunophenotypic characterization of
patient samples from clinical studies

Leo Li-Ying Chan, PhD, Senior R&D Manager, Revvity

Events | Sunday, May 5 (continued)

Poster presentations (continued)

- 3:15 p.m.-4:30 p.m. **Board Number B908**
Alternative cell counting and viability detection using
NexGreen/PI fluorescent stain on multiple low-
and high-throughput image cytometry platforms
Leo Li-Ying Chan, PhD, Senior R&D Manager, Revvity
- 3:15 p.m.-4:30 p.m. **Board Number B938**
Characterizing the health of transduced CAR-T cells
using high-throughput image cytometry
Leo Li-Ying Chan, PhD, Senior R&D Manager, Revvity
-

In-booth presentations

- 3:30-3:45 p.m. Streamlining single-cell isolation with
bead mill dissociation
Rodney Nash, PhD, Scientific Officer, Revvity
-

President's Service Appreciation Reception Event

- 7:30-10:00 p.m. At RPM Seafood



Events | Monday, May 6

AAI IMMUNOLOGY2024™ Gala Event

7:00–10:00 p.m.

At Aon Grand Ballroom at the Historic Navy Pier

Solutions | Cellular analysis

Flow cytometry products

We provide thousands of antibody and fluorophore combinations to build the ideal panel to phenotype and understand your cells.

TotalSeq™ oligo-conjugated antibodies for multiomics analysis

For single-cell and bulk multiomics, we provide TotalSeq antibodies conjugated to oligonucleotide barcodes to add a new layer of protein detection to assays like scRNA-seq.

Solutions | Sample preparation

Omni Bead Ruptor Elite™ bead mill homogenizer

The Omni Bead Ruptor Elite is one of today's most advanced and powerful bead mill homogenizers. Uniquely designed to dissociate, grind, lyse, and homogenize the most challenging samples, it streamlines protocols to save you time and produce repeatable results.

MojoSort™

Our MojoSort cell separation system of magnetic bead-conjugated antibodies, buffers, and magnets provides a simple method for the isolation and purification of cells in heterogeneous populations.

Solutions | Cell counting and imaging cytometry

Cellometer™ and cell counting reagents

Cellometer image cytometer utilizes dual-fluorescent and brightfield imaging to quickly identify and count individual cells. Cellometer® reagents are optimized to perform fluorescence-based cell counting and viability assays used to measure percent viability and enumerate live/dead cells.

Cellaca™ PLX and reagents

The Cellaca PLX system with Matrix analysis software and dedicated reagents and consumables provides a benchtop solution for accurate measurements of small sample volumes to easily perform rapid subpopulation analysis for downstream processing.

Solutions | Cell culture and bioprocessing

GMP and Cell-Vive™ solutions

To ensure quality at every step of the bioprocessing workflow, we offer recombinant proteins, functional antibodies, and cell culture reagents produced under Good Manufacturing Practices (GMP) for *ex vivo* research and downstream manufacturing.

Recombinant proteins

We drive cell fates by providing stable, bioactive human, mouse, and rat recombinant proteins including cytokines, growth factors, and chemokines.

Solutions | Immunoassays

LEGENDplex™

Use a flow cytometer to measure multiple soluble cytokines, chemokines, and proteins simultaneously with our pre-defined or customized LEGENDplex multiplex panels.

ELISA kits and sets

For researchers looking to quantify individual protein targets, we provide ELISAs in multiple formats that are compatible with biological samples like cell culture supernatant, serum, and plasma.

HTRF™ assay kits

In recent years, steady improvements have made HTRF the gold standard for time-resolved FRET. It has become rapid, homogeneous, easy to use and automate, allowing miniaturization and assay development.

AlphaLISA™ assay kits

Fast results, high sensitivity, large dynamic range, and a compatibility with many sample types make Alpha technology an optimal choice for moving your research forward.

VICTOR™ Nivo™

The VICTOR Nivo system packs all popular detection modes into the industry's smallest multimode reader footprint; the perfect microplate reader for everyday biochemical and cell-based assays.



Solutions | RNAi, CRISPR, and base editing technology

Dharmacon™ CRISPR reagents

With our Revvity Dharmacon™ Edit-R™ CRISPR-Cas9 reagents, researchers can make targeted, specific edits to any gene in practically any cell type.

Dharmacon™ RNAi reagents

Revvity's Dharmacon reagents have pioneered the development of novel siRNA, shRNA, and microRNA technology for nearly 30 years, offering a broad portfolio of trusted synthetic and expressed reagents for highly specific and efficient gene silencing.

Pin-point™ base editing platform

The Pin-point base editing system offers the specificity of base editing combined with the potential for multiplex gene editing capabilities, making it an attractive technology for both cell and gene therapies.

Solutions | Microscopy and spatial biology

Spatial biology imaging reagents

Enter a new era of spatial biology with BioLegend's reagents for traditional imaging applications, such as IHC/ICC, or advanced techniques involving multiplexed detection of dozens of targets.

In vivo imaging systems and reagents

Our *in vivo* imaging solutions include the leading IVIS™ optical platform, Quantum™ GX3 microCT system, and Vega™ ultrasound scanner, as well as a comprehensive portfolio of IVISbrite™ bioluminescent and IVISense™ fluorescent reagents optimized for your research applications.

Cellular imaging platforms

Create deep phenotypic insights from your most demanding assays with our leading Opera Phenix™ Plus and Operetta™ CLS high content imaging platforms or rapidly assess cell viability with our Celigo™ image cytometer.

PhenoPlate™ microplates

PhenoPlate microplates have been engineered to deliver superior images and the highest quality data for high-content applications, complementing our proven high content screening (HCS) instruments, reagents, and image analysis software.

PhenoVue™ cellular imaging reagents

Our suite of PhenoVue cellular imaging reagents—including cell painting kits, organelle and cell compartment stains, fluorescent labeled secondary antibodies, and cell function reagents—are optimized for HCS to streamline your workflow.

A detailed microscopic image showing a complex network of biological structures. The primary structures are long, thin, and wavy, colored in shades of purple and magenta. There are also several smaller, more rounded and textured structures, some appearing green and others purple. The background is dark, making the biological structures stand out.

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Win a \$200 Amazon.com gift card from BioLegend

Visit the stations at Booth 703 to learn about our expanded solutions, products, and services, and come back for our two in-booth presentations. For each station and in-booth presentation you visit, you will get a stamp. Once you complete this page with all the required stamps, detach this page, fill in your information, and drop it in our ballot box for a chance to win a \$200 Amazon.com gift card. Two names will be chosen on Monday, May 6 at 10:30 a.m. Winners will be notified by email.

No purchase necessary to enter or win.

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Collect your 10 stamps to enter a raffle for a chance to win a \$200 Amazon.com gift card.

● **Cell analysis**—Flow cytometry

● **CRISPR technologies**—Dhamarcon™ and Pin-point™

● **Cell analysis**—Multimics and TotalSeq™

● **Microscopy and Spatial Biology**—Antibodies, dyes, and imaging systems

● **Cell analysis**—Sample preparation

● Sat, May 4, from 3:00-3:45 p.m.

● **Cell counting and image cytometry**

● Intracellular targets and new applications for single-cell analysis

● **Cell culture bioprocessing**—GMP and Cell-Vive™ solutions

● *Frank Harrison, PhD, Biolegend*

● **Immunoassay solutions**—LEGENDplex™, ELISA, HTRF™ and AlphaLISA™ technologies, and microplate readers

● Sun, May 5, from 3:00-3:45 p.m.
● Streamlining single-cell isolation with bead mill dissociation

● *Rodney Nash, Scientific Officer, Revvity*

Name _____

Company _____

Email _____

Learn more about our reagents at [biolegend.com](https://www.biolegend.com)

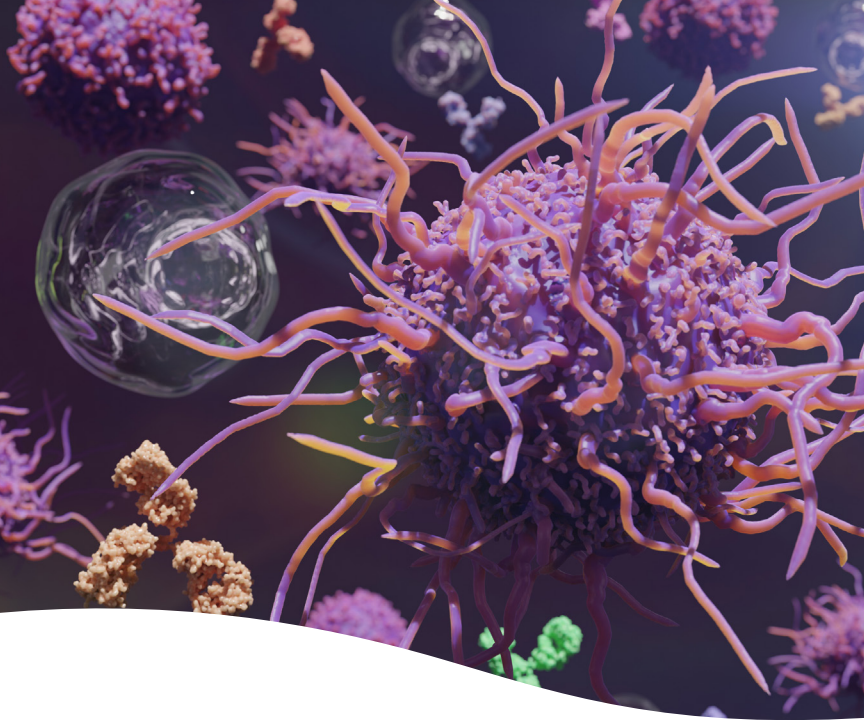


BioLegend[®]

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1.877.246.5343 (877-BIOLEGEND) | International: 1.858.768.5800



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