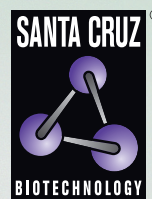


SANTA CRUZ BIOTECHNOLOGY, INC.



The Power to Question

ANTIBODIES FOR IMMUNOHISTOCHEMISTRY

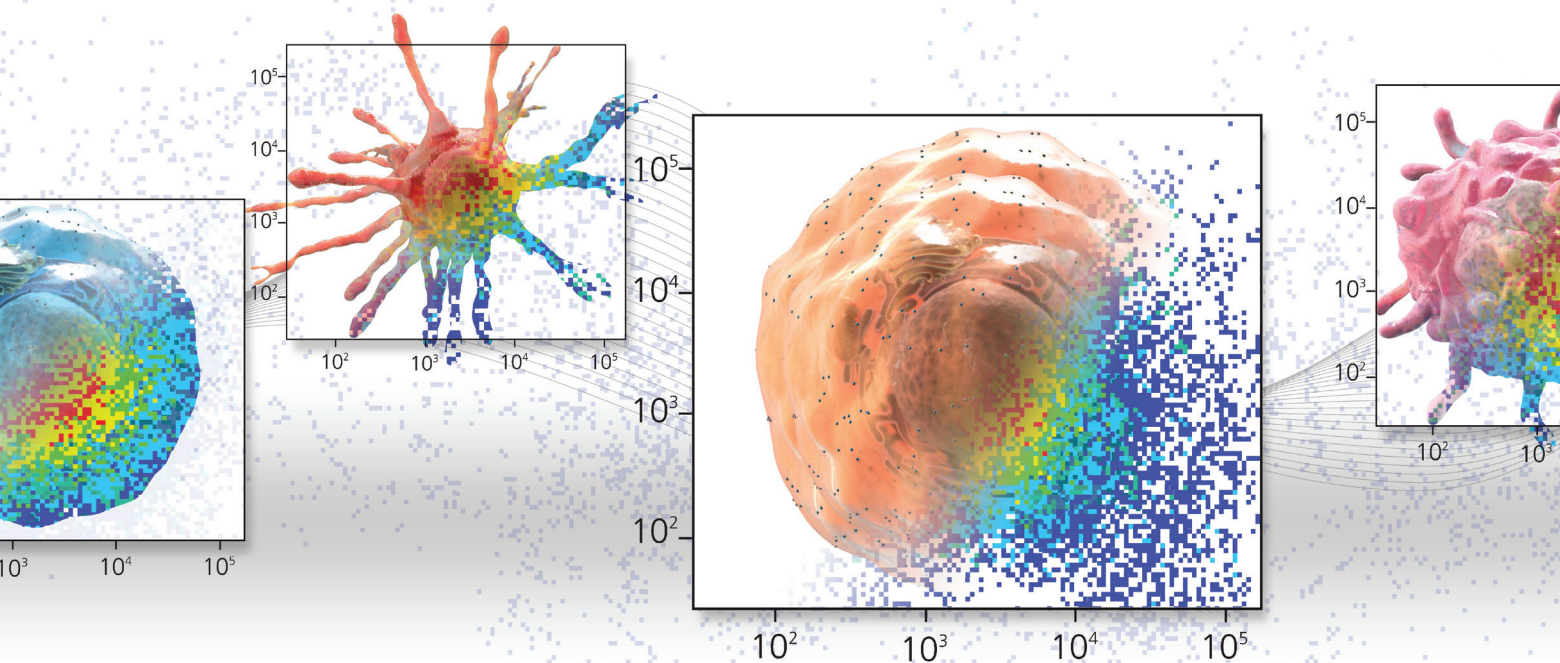
#1 SOURCE FOR ANTIBODIES
CLASSIFIED FOR IHC(P)

EXCLUSIVELY ONLINE AT:

SCBT.COM

Website updated daily with new antibodies, biochemicals,
labware, product citations and support data.

excellence



Millions of dots, each with a unique story

Every cell is a mystery waiting to be revealed. From phenotype, genomic expression, cytokine secretion, signaling activity or general health, flow cytometry is uniquely equipped to interrogate every facet of biology, all within a single cell. Let eBioscience flow cytometry reagents help you uncover the story that each cell contains within.

Don't settle for average. Real insight starts with single cells.

Learn more at www.affymetrix.com/single-cell-ji

© 2015 Affymetrix, Inc. All rights reserved. For Research Use Only. Not for use in diagnostic or therapeutic procedures.

STING Products



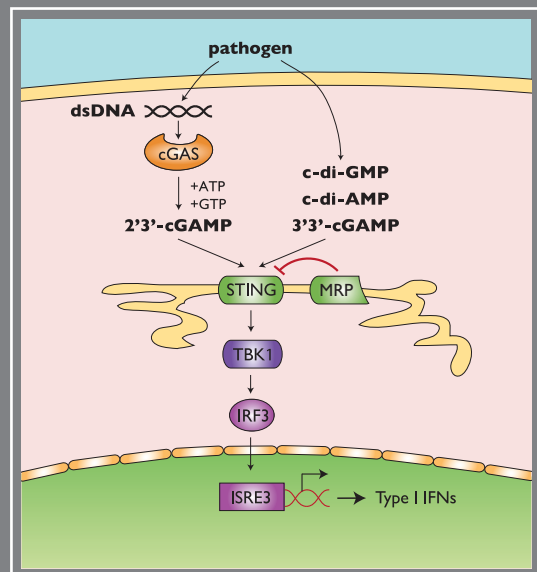
*The latest buzz
in innate immunity...*

STING (stimulator of interferon genes), alternatively known as MPYS, TMEM173, MITA and ERIS, is a key sensor of cytosolic nucleic acids. STING, initially thought to serve solely as an adaptor protein for mediating signaling by cytosolic DNA sensors (CDS), was recently found to be a direct sensor of cyclic dinucleotides (CDNs). Interestingly, a variety of natural variants of human STING (hSTING) have been identified. The presence of nonsynonymous variants of hSTING, some in high frequencies, is indicative of its implicit role in disease. It is important to be aware that variant hSTING alleles differentially respond to CDNs.

InvivoGen is the most cited source of tools to study the STING signaling pathway, providing:

- ➔ STING Ligands
- ➔ STING Variants
- ➔ STING Reporter Cells

More at invivogen.com/sting-products



ANNUAL REVIEWS ✨ SPARK A CONNECTION

Members of the American Association of Immunologists Save on All Personal Subscriptions of All Annual Reviews Journals.

Annual Review of Immunology

immunol.annualreviews.org • Volume 33 • April 2015

Co-Editors: **Dan R. Littman**, *Skirball Institute, New York University School of Medicine*
Wayne M. Yokoyama, *Washington University School of Medicine*

The *Annual Review of Immunology*, in publication since 1983, covers the significant developments in the field of immunology. This journal is ideal for active researchers in immunology and related fields, post-doctoral fellows and graduate students as well as teachers of immunology.

Annual Review of Virology

virology.annualreviews.org • Volume 2 • October 2015

Editor: **Lynn W. Enquist**, *Princeton University*

The *Annual Review of Virology*, in publication since 2014, captures and communicates exciting advances in our understanding of viruses of animals, plants, bacteria, archaea, fungi, and protozoa. Reviews highlight new ideas and directions in basic virology, viral disease mechanisms, virus-host interactions, and cellular and immune responses to virus infection, and reinforce the position of viruses as uniquely powerful probes of cellular function.

To order the *Annual Review of Immunology*, please contact the American Association of Immunologists directly. For all other journals, please contact Annual Reviews directly.

For all other journal orders, please contact Annual Reviews directly:

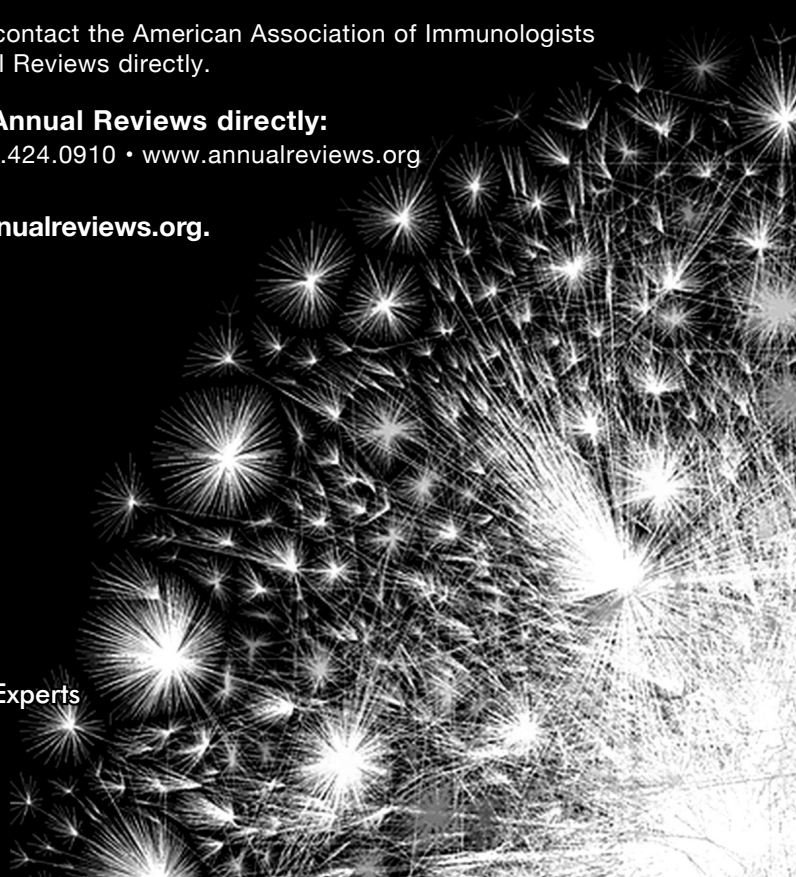
Call: 800.523.8635 (US/CAN)/650.493.4400 • Fax: 650.424.0910 • www.annualreviews.org

Access all Annual Reviews journals at www.annualreviews.org.



ANNUAL REVIEWS | Connect With Our Experts

service@annualreviews.org



Research Biologist at Durham Veterans Administration

The Surgery Service of the Durham Veterans Administration Hospital seeks to grow a translational research program that is focused on the discovery and delivery of innovative therapeutics that benefit those who have served our country.

We are currently seeking an independent scientist with the intellectual curiosity and drive to think strategically towards developing tumor immunotherapies. Special consideration will be given to candidates whose past research experience includes mechanistic investigations of adaptive immunity in translational settings and publication of key research findings in high-impact, peer-reviewed journals. A faculty position in the Duke University School of Medicine Department of Surgery will be offered to the appropriate candidate.

Essential Job Functions:

1. Utilize knowledge of relevant scientific and clinical literature to aid development of testable, innovative hypothesis for cancer immunotherapy.
2. Independently design and execute in-vitro, ex-vivo, and in-vivo studies focused on immunotherapy.
3. Interpret data, discuss conclusions and present at various internal and external forums.
4. Collaboration with surgeon scientists who are focused on providing novel approaches to cancer.

Knowledge, Experience and Skills:

1. PhD degree in immunology, cancer biology, or related field.
2. Strong publication record in the areas of immunology or cancer biology.
3. Experience with developing and conducting T-cell functional assays.
4. Experience with immunocompetent mouse tumor models and ex-vivo immune functional analyses including multi-color FACS is essential.
5. Strong communication skills.

If you have these qualifications and are interested, please contact Dr. John Stewart at john.stewart@dm.duke.edu.

Assistant Professor, Senior Scientist HIV/HCV Research

East Tennessee State University (ETSU), Quillen College of Medicine, Department of Internal Medicine, Division of Infectious Diseases seeks a Senior Scientist in the area of HIV/HCV research. Quillen College of Medicine has a thriving academic environment with outstanding facilities, patient resources, and funding support to carry out innovative translational research.

Minimum qualification: Ph.D., extensive training/expertise in molecular immunology/virology.

Preferred qualification: Ph.D., extensive training/expertise in molecular immunology/virology related to HIV/HCV research with experience in a university setting.

The successful applicant will work closely with physician scientists in the Infectious Diseases Division to foster an advanced research program. Collaboration with other faculty in biomedical and clinical sciences to expand an established research program and new multidisciplinary Center focusing on immunology, inflammation and infectious diseases will be essential.

A competitive salary for this position is available, as is research funding from existing grants. Primary role will be to provide support and facilitate laboratory functions for the research program. Outside funding not required. Woman and minority candidates are encouraged to apply. AA/EO

Direct inquiries to: Search Committee via Karen A. Heaton, Quillen College of Medicine, Box 70622, Johnson City, TN 37614. heatonka@etsu.edu. Apply at: <https://liobs.etsu.edu>

GRIP

Grant Review for Immunologists Program

Get a GRIP: An AAI program designed to help new investigators prepare their NIH grant proposals

The AAI Grant Review for Immunologists Program (GRIP) offers new principal investigators (PIs) access to established PIs for guidance in preparing grant proposals as they embark on their independent careers. Early-career PIs (assistant professors or equivalents) are invited to submit their grants' "Specific Aims" pages to the GRIP coordinator who, with the assistance of a small volunteer subcommittee, will attempt to match each topic of the proposal with the research experience of an established PI. Matches will be made as quickly as possible to allow participants to meet upcoming NIH grant deadlines. Participation is open only to AAI regular members and is strictly voluntary. The program is not intended to supplant internal mentoring programs at applicants' institutions.

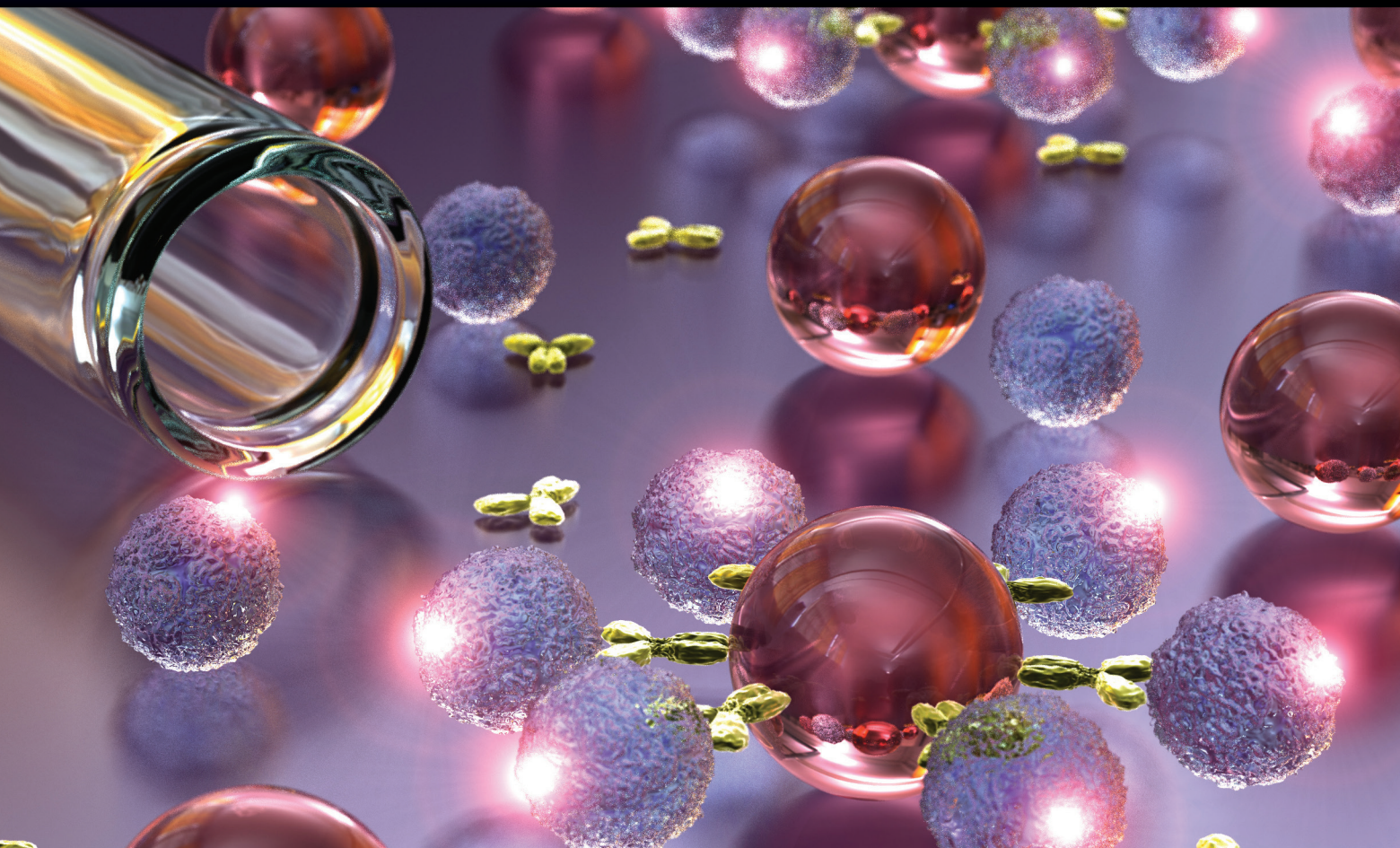
To apply, please send your CV and the grant's "Specific Aims" page to infoaai@aai.org. (please write "GRIP" in the subject line)

To volunteer as a mentor, please send your CV and a brief description of your grant-reviewing experience to infoaai@aai.org. (subject line "GRIP")



Program details at aai.org/Education/GRIP

LEGENDplex™ Multiplex Bead Assays



Expanding Multiplex

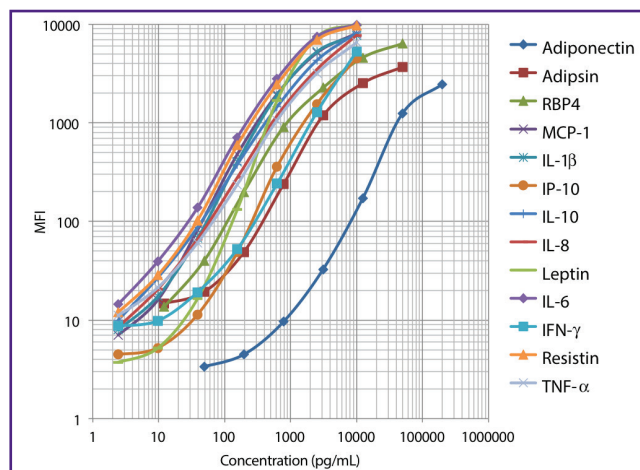
LEGENDplex™ Multi-Analyte Flow Assay Kits

are bead-based immunoassays for simultaneous quantification of multiple analytes in a single sample, using a standard flow cytometer. Free, intuitive software enables fast and easy analysis of your data.

The assays are designed as Pre-defined Panels with pre-mixed beads, or use our Mix and Match system to choose your bead panel. The reagents are provided in ready-to-use format, saving reagent preparation time.

- Cytokine
- T Helper Cytokine
- Proinflammatory Chemokine
- Inflammation
- Growth Factor
- Adipokine
- Metabolic

LEGENDplex™ Human Adipokine Panel



Learn more at: biolegend.com/legendplex



BioLegend is ISO 9001:2008 and ISO 13485:2003 Certified

Toll-Free Tel: (US & Canada): 1.877.BIOLEGEND (246.5343)

Tel: 858.768.5800

biolegend.com

08-0053-02

World-Class Quality | Superior Customer Support | Outstanding Value