# Shc/IRS and Related ProellrsignalingOCS Family Heat Shock research antibodies and siRNA

gene silencers

Shc/IRS and Related Proteins

SOCS Family

**Heat Shock Proteins** 

Annexin Family

Heterotrimeric G Proteins

TRAF/CRAF

Cyclooxygenases

EGFR and PDGFR

Protein Kinase C Family

14-3-3 Proteins

SH2/SH3 Domain Proteins

Src Family Proteins

Metalloproteinases

Ubiquitin and SUMO-1

Phospholipases

Nitric Oxide Synthase

Nuclear Transport Family

ERK and JNK

# santa cruz biotechnology, inc.



The Power to Questio

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**Toll Free:** 800.457.3801

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Santa Cruz Biotechnology, Inc.

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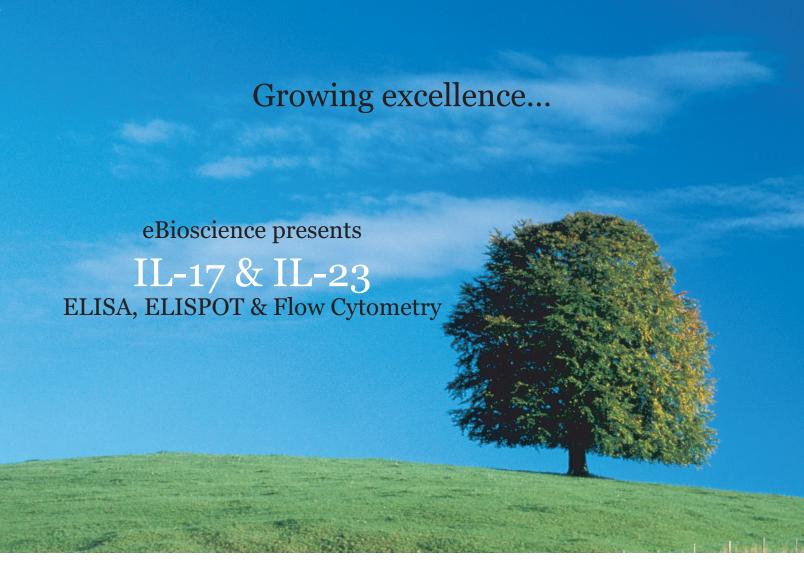
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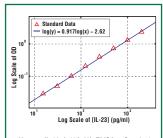
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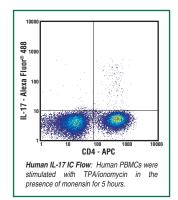


#### eBioscience offers a growing panel of cytokine antibodies validated for key applications:



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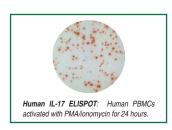


New additions to the eBioscience cytokine product portfolio include Granzyme B & TGF- $\beta$ 1 ELISAs, as well as reagents for IL-1 $\beta$ , IL-13, IL-23, IL-29, HGF, TGF- $\beta$ /LAP and VEGF.

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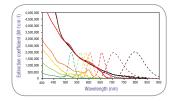
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• In vivo depletion of mouse PDCs

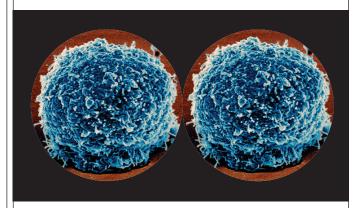
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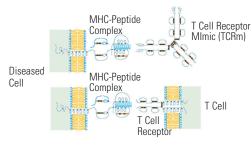
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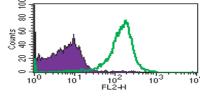
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> The advantage of Kdo -Lipid A over LPS is that it is a reproducible, defined natural product, and it can be detected by ESI/MS at the low concentrations used to stimulate

animal cells. The purity of Kdo<sub>2</sub>-Lipid A should also facilitate the structural analysis of its complexes with signaling receptors, such as TLR-4/MD2.

#### Reference

Kdo Lipid A of Escherichia coli, a defined endotoxin that activates macrophages

Raetz, C.R.H. et al. (2006) J. of Lipid Res. 47:1097-111.

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# IMMUNOLOGY



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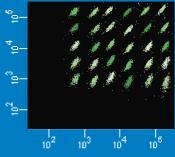
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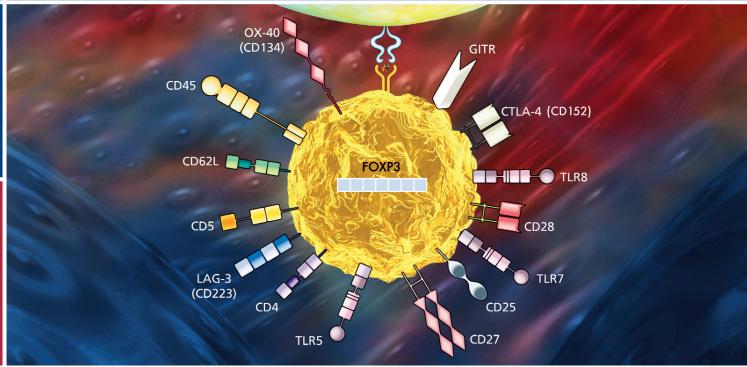
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Specificity	Target	Host	Clone	Applications	Product Code	Formats Available
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CD8 alpha	Rat	Mouse	OX-8	C, F, P	MCA48R	Purified, Alexa Fluor® 488, Alexa Fluor® 647, Azide Free, Biotin, FITC, RPE, RPE-Cy5
CD25	Human	Mouse	MEM-181	F	MCA2127	Purified, Alexa Fluor® 488, Alexa Fluor® 647, Biotin, FITC, RPE
CD28	Human	Rat	YTH 913.12	C, F	MCA709	Purified, Alexa Fluor <sup>®</sup> 647, Biotin, FITC, Low Endotoxin, RPE
CD152 (CTLA-4)	Rat	Mouse	WKH203	E, F, WB	MCA2092	Purified, Azide Free, Biotin, FITC, RPE
CD223 (LAG-3)	Mouse	Rat	C9B7W	F	MCA2386	Purified, Alexa Fluor® 488, Alexa Fluor® 647, Low Endotoxin, RPE
FOXP3	Human	Mouse	236A/E7	C, P	MCA2376	Purified, Alexa Fluor® 488, Alexa Fluor® 647
GITR	Mouse	Rat	YGITR765	F	MCA2416	Purified, Alexa Fluor® 488, Alexa Fluor® 647, Low Endotoxin

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# Department of Health and Human Services National Institutes of Health National Institute of Neurological Disorders and Stroke



#### Tenured/Tenure-Track Position Neuroimmunology (Clinical) Division of Intramural Research

The Division of Intramural Research of the National Institute of Neurological Disorders and Stroke is recruiting an individual for a tenured or tenure-track position in the area of neuroimmunology with a focus on clinical research. The applicant should have a special interest and experience in translational clinical research relating to multiple sclerosis or other immune mediated disease of the central nervous system. The individual would direct an independent research program on immune mediated diseases of the nervous system and especially multiple sclerosis. The program would conduct its work in conjunction with the Neuroimmunology Branch (NIB) which was established to study the cause and treatment of immunological mediated diseases of the central nervous system. The individual should have a demonstrated background and knowledge in research focused on immune mediated disease of the nervous system and with expertise in human immunology and/or the application of clinical trial methodology to the study of disease mechanisms and testing new therapies. The candidate will have earned a M.D. degree and will have excellent scientific skills in structuring an original and productive research program using outstanding communication and collaborative abilities. The candidate will have a medical license in the United States and preference will be given to a candidate who has completed training in an accredited training program in neurology and is either board eligible or board certified in Neurology. Candidates for a tenured position must have an international reputation and well-documented evidence of ongoing independent accomplishments. An individual selected for a tenure-track position is expected to build a dynamic and productive research group. Laboratory facilities, start-up and sustained research funds and salary will be competitive with premier academic institutions. Applicants should send curriculum vitae, bibliography, statement of research interests, and names of references to: Dr. Story Landis, Director, National Institute of Neurological Disorders and Stroke, c/o Peggy Rollins, Office of the Scientific Director, Division of Intramural Research, Building 35 Room GA908, NIH, Bethesda, MD 20892. Applications will be reviewed upon receipt.





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# FACULTY POSITIONS IN CELLULAR AND MOLECULAR IMMUNOLOGY

The Immunology Program at the H. Lee Moffitt Cancer Center & Research Institute and the University of South Florida's College of Medicine, Department of Interdisciplinary Oncology, are seeking highly qualified (Ph.D. or M.D.) applicants for tenure track positions in Cellular and Molecular Immunology at Assistant, Associate and Full Professor levels. While applicants in all areas of Cellular and Molecular Immunology may apply, we are especially interested in individuals with expertise in T cell and dendritic cell biology, innate immunity, and tumor immunology. Applicants with a strong interest in bridging basic and translational research in the area of cancer immunology and immunotherapy are especially encouraged to apply. Successful applicants will be expected to develop an outstanding research program in their area of interest.

The Assistant Professor must have at least four years of postdoctoral experience in tumor immunology and high quality publications in peer-reviewed journals. The Associate/Full Professor must have a proven track record of independent research and demonstrated sustained extramural funding. In addition, the Associate Professor rank requires at least five years of experience with continuing and productive service as an Assistant Professor. The Professor rank requires documentation of national recognition, leadership ability and at least five years of experience with continuing and productive service as an Associate Professor. Salary is negotiable.

The Moffitt Cancer Center and Research Institute provides an exceptional environment for basic and translational research in Immunology, Molecular Oncology and Drug Discoveries. Extensive state-of-the-art core facilities are available for flow cytometry, gene profiling, proteomics, mouse model development and drug discovery. Successful applicants will be provided generous laboratory and office space in the new Vincent A. Stabile Research Building.

Please reference position DIO0526. Send curriculum vitae and a brief statement of major academic interests in one single pdf document to The Immunology Search Committee at koransky@moffitt.usf.edu. Application review begins September 1, 2006. Applications will be accepted and continuously reviewed until the position is filled.

USF Health is committed to increasing its diversity and will give individual consideration to qualified applicants for this position with experience in ethnically diverse settings, who possess varied language skills, or who have a record of research that supports/benefits diverse communities or teaching a diverse student population.





The University of South Florida is an EO/AA/EA institution. For disability accommodations, contact Kathy Jordan (813-532-1451) arinimum of five working days in advance. According to Florida law, search records, including applications and search committee meetings, are open to the public.

www.moffitt.usf.edu

# MICHIGAN STATE

#### **Cardiovascular Scientist in Inflammation**

Inflammation and the role of the immune system in cardiovascular and disease has been identified as an area of need for the biological/medical sciences at Michigan State University. The Biomedical Departments of Michigan State University have jointly opened a search for immediate applications for a tenure-track assistant professor position in the cardiovascular sci**ences**. This is one of four positions to be filled in cross-disciplinary aspects of inflammation and immunology. For the cardiovascular position, specific areas of interest include but are not limited to: inflammatory cell recruitment to the cardiovascular system, role of cytokines in cardiovascular function, role of the immune system in metabolic syndromes, relationship of oxidative state to immunological status, and cerebral vascular inflammation and stroke. A doctoral degree (PhD, DO, DVM or MD), and experience in a postdoctoral postion are required.

The successful applicant will have the opportunity to join a biomedical department best-suited to their research, potential for collaboration, and ability to lead

cardiovascular inflammation research on the MSU campus. MSU cardiovascular research encompasses significant strength in different scientific areas and diseases that include hypertension, stroke, and obesity. Information on cardiovascular research at MSU, as well as current faculty and collaborations can be found at http://cardiovascular.msu.edu.

The applicant should submit a letter of application, curriculum vitae, statement of research goals, up to five relevant reprints and full contact information (address, e-mail and phone) for three personal references to:

Stephanie W. Watts, Ph.D.;

Cardiovascular Inflammation

Committee Chairperson,

Department of Pharmacology & Toxicology, B445 Life Sciences

Building, Michigan State

University, East Lansing, MI 48824-1317. Fax: (517) 353-8915;

Tel: (517) 353-3724; E-mail:

wattss@msu.edu.

All application materials should be submitted electronically to wattss@msu.edu.

Applications should be received by **October 30, 2006**.

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#### **MICROBIOLOGY**

Kansas City University of Medicine and Biosciences seeks applicants for a Microbiology faculty position, which is open immediately, and offers an opportunity to join in an exciting institutional and regional effort to enhance life sciences research.

The successful candidate must have a Ph.D. in Microbiology, Virology or Immunology, or related discipline, and demonstrated record of teaching and scholarly activities. Experience in teaching fully integrated systems-based curriculum is a plus. Responsibilities will include teaching virology and immunology to medical students and effectively contributing to an innovative curriculum.

We are looking for an outstanding educator with exemplary

professional characteristics. For additional information, contact Larry W. Segars, PharmD, DrPH, FCCP, BCPS, Associate Professor and Chair, Dept. of Pharmacology and Microbiology, 1-800-234-4847, ext. 2224, or 816-283-2224. Please visit **www.kcumb.edu** and click on employment to view complete ad. EOE



#### **Immunologist**

Simon Fraser University is developing an integrated graduate program in infectious diseases (ID), to be mounted jointly by the Faculty of Science (FS) and the new Faculty of Health Sciences. A tenure-track faculty position is available in the Department of Molecular Biology and Biochemistry, FS, at the Assistant Professor level; under exceptional circumstances appointment might be at a higher rank. Research expertise is preferred in protective humoral immunity against infectious disease. Laboratory space, including a BCL-2/P2 biocontainment facility, will be available. Applicants should have postdoctoral research experience; teaching experience is a plus. The successful applicant will be expected to establish a funded research program, teach at the undergraduate and graduate levels, and contribute to development of the ID program.

Applicants should submit a CV, three letters of reference, up to four representative publications, and statements of research interests/plans and teaching philosophy to:

Immunology Search Committee MBB, Simon Fraser University Burnaby, British Columbia, V5A 1S6 Canada Email: mbbchair@sfu.ca

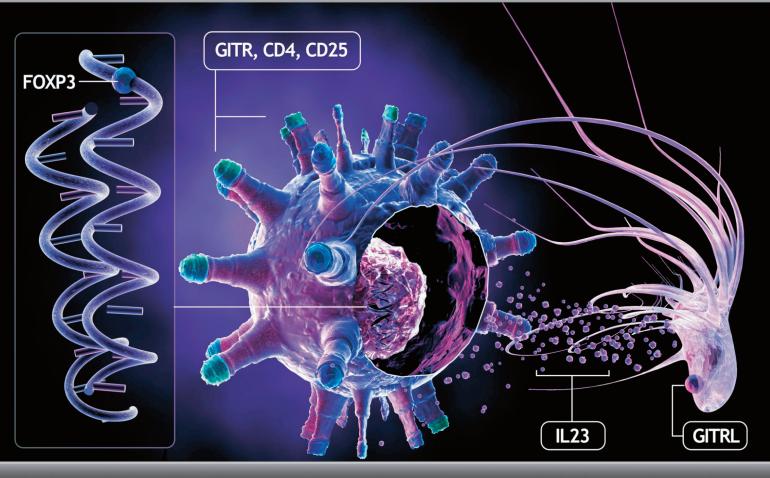
Review of applications will begin on Nov. 1, 2006, and will continue until the position is filled. See the employment section of **http://www.sfu.ca/mbb/** for more information.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Simon Fraser University is committed to an equity employment program that includes special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified women, First Nations people, persons with disabilities, and members of visible minorities.

Under the authority of the University Act personal information that is required by the University for academic appointment competitions will be collected. For details see: http://www.sfu.ca/vpacademic/Faculty\_Openings/Collection\_Notice.html

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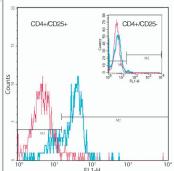
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Flow Cytometry, IHC, WB

### Mouse FOXP3

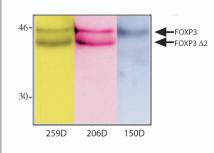


C57BL/6 splenocytes stained with FOXP3 (clone 150D) Alexa Fluor®

#### **Applications:**

Flow Cytometry, IHC, WB

#### Monoclonal Antibodies to FOXP3 Isoforms



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Flow Cytometry, IHC, WB

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