



The Power to Question

SANTA CRUZ BIOTECHNOLOGY, INC.

CHEMCRUZ™

INHIBITORS-ACTIVATORS-SUBSTRATES

Sourcing Made Easy
at www.scbt.com

NEW
www.scbt.com
FEATURES

- Convenient click-through to related products
- Antibody and Chemical Product Ratings
- Live Chat
- Wide range of biochemicals that function as protein inhibitors, activators, and substrates
- Our **NEW** HoverCruz™ System

and many other great features!

20+ YEARS

SANTA CRUZ BIOTECHNOLOGY
QUALITY BRANDS

ExactaCruz™
precision labware

CrystalCruz™
premium glassware

UltraCruz™
laboratory supplies

ChemCruz™
biochemicals

ImmunoCruz™
antibody products & reagents

SCBT.COM

SCBT.COM

SCBT.COM

SCBT.COM

SCBT.COM

SCBT.COM

U.S. HEADQUARTERS

TOLL FREE: 800.457.3801
PHONE: 831.457.3800
FAX: 831.457.3801
E-MAIL: customercare@scbt.com

EUROPEAN SUPPORT

TOLL FREE: +00800.4573.8000
PHONE: +49.6221.4503.0
FAX: +49.6221.4503.45
E-MAIL: europe@scbt.com

ASIAN SUPPORT

TOLL FREE: 001 800.1338.3838
(HONG KONG, SINGAPORE, THAILAND, JAPAN, KOREA)
00 800.1338.3838 (MACAU, MALAYSIA, INDONESIA)
002 800.1338.3838 (TAIWAN, CHUNGHWA TELECOM)
800.820.8626 (MAINLAND CHINA)
PHONE: (86 21) 6093.6350
FAX: (86 21) 6093.6351
E-MAIL: scbio@scbio.cn



cell sciences[®]
cytokine center



Buy one, get one free

Stock up now on select cytokines, growth factors and chemokines.

Order any two vials from this list for just \$235

Enter promo code CYT241 when you place your order on-line or mention the promo code to get your discount when calling our toll-free number 888-769-1246. Cell Sciences provides live customer service. You will not be placed in a phone system queue.

These recombinant proteins are low endotoxin, carrier-free, highly pure, biologically active and suitable for cell culture and animal studies. Get two of the same item or pick any two different items from the list.*

Browse our web site of recombinant proteins, including hundreds more cytokines, growth factors, chemokines and neurotrophins. Bulk quantities of these proteins are also available at competitive pricing. Cell Sciences also carries corresponding antibodies and ELISA kits.

Catalog No:	Item:	Size:
CRB100B	Recombinant Human BMP-2	10 µg
CRC400B	Recombinant Human CNTF	20 µg
CRF000B	Recombinant Human FGF-acidic/FGF1	50 µg
CRF001B	Recombinant Human FGF-basic/FGF2	50 µg
CRK300B	Recombinant Human FGF-7/KGF	10 µg
CRG300B	Recombinant Human G-CSF/CSF3	10 µg
CRG100B	Recombinant Human GM-CSF/CSF2	20 µg
CRG101B	Recombinant Mouse GM-CSF/CSF2	20 µg
CRG500B	Recombinant Human GRO-alpha/CXCL1	25 µg
CRG502B	Recombinant Rat GRO-alpha/KC/CXCL1	25 µg
CRI004B	Recombinant Human IFN-alpha 2b	100 µg
CRI000B	Recombinant Human IFN-gamma	100 µg
CRI001B	Recombinant Mouse IFN-gamma	100 µg
CRI002B	Recombinant Rat IFN-gamma	100 µg
CRI500B	Recombinant Human IGF-1	100 µg
CRI100B	Recombinant Human IL-2	50 µg
CRI153B	Recombinant Human IL-10	10 µg
CRI137B	Recombinant Human IL-15	10 µg
CRI162B	Recombinant Human IL-17	25 µg
CRI172B	Recombinant Human IL-21	10 µg
CRI225B	Recombinant Human IL-33	10 µg
CRM151B	Recombinant Human M-CSF/CSF1	10 µg
CRR000B	Recombinant Human RANTES/CCL5	20 µg
CRS000B	Recombinant Human SDF-1 alpha	10 µg
CRS002B	Recombinant Human SDF-1 beta	10 µg
CRT100B	Recombinant Human TNF-alpha	50 µg
CRT192B	Recombinant Mouse TNF-alpha	20 µg
CRV000B	Recombinant Human VEGF 165	10 µg
CRV014B	Recombinant Mouse VEGF 165	10 µg

*This offer may not be combined with other offers or discounts.

CELL SCIENCES INC • 480 NEPONSET STREET, BUILDING 12A, CANTON, MA 02021 • INFO@CELLSCIENCES.COM

TOLL FREE: (888) 769-1246 • TEL: (781) 828-0610 • FAX: (781) 828-0542 • WEB WWW.CELLSCIENCES.COM

www.cellsciences.com



NEED TO RECRUIT?

Recruiting through *The Journal of Immunology* is an economical way to reach your target audience—the immunology community. Why pay more to reach geologists and physicists when you are seeking immunologists?

A ¼ page ad in *The JI* costs \$865.

For further information contact:

Steve West
Media West, Inc.
856-432-1501

stevewest@ads-theji.org



BE A TRAILBLAZER.

The University of Manitoba is a place where you can define your future and your career. Our commitment to discovery and community encompasses everything we do, from the education we offer students to the workplace we create for staff.

The University of Manitoba offers excellent benefits, world-class facilities and an inspirational environment where you can shape your career and make a positive impact every day.

Endowed Research Chair in Immunology of Infectious Diseases GlaxoSmithKline Professor of Immunology and Infectious Disease Research Departments of Immunology and Medical Microbiology

The University of Manitoba is conducting a search for a University Research Chair in Immunology of Infectious Diseases. The successful candidate should be eligible for appointment at the rank of **Associate or Full Professor** with an anticipated starting date of **September 1, 2013. Position Number: 14263**

The successful candidate must be a Clinician Scientist (MD) with the appropriate expertise and track record in research, and/or a MD/PhD scientist, with a well established research program related to the Immunology of Infectious Diseases with special interest and a proven track record in vaccine and immunization research. Candidates must be eligible for certification with the Royal College of Physicians and Surgeons of Canada and licensure with the College of Physicians and Surgeons of Manitoba. Salary will be commensurate with qualifications and experience. The Chair will be cross appointed to the Departments of Immunology and Medical Microbiology as well as to the most relevant clinical department. Requirements for research infrastructure would be negotiated prior to the successful candidate's arrival.

The Endowed Chair holder will be appointed for a term of 5 years, renewable after an appropriate successful review.

The successful candidate will occupy an endowed Chair known as the GlaxoSmithKline Professor of Immunology of Infectious Diseases Research, University of Manitoba. In this position the incumbent will provide leadership for our evolving research programs into the vital area of vaccination and immunization against infectious diseases. The incumbent is expected to promote and advance multidisciplinary, transdisciplinary and collaborative studies linking basic science and clinical (Adult and/or Paediatric) research within the disciplines of infectious disease. The successful candidate will occupy office and laboratory space within the new facilities of the Department of Immunology on the 4th floor of the Apotex Centre. They will also have full access to the facilities of the Department of Medical Microbiology including the Biosafety Level 3 facilities at the Department of Medical Microbiology site on the 5th floor of the Basic Medical Science Building, as well as collaborate with fellow scientists at the National Microbiology Laboratory, the Public Health Agency Canada and other International Infectious Disease Research Collaborations. The Department of Immunology consists of 31 full-time and cross-appointed academic basic and clinical research scientists. The Department of Medical Microbiology is comprised of 101 academic members including both basic and clinician scientists.

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Interested candidates must submit a letter of application, curriculum vitae and a brief 2-page research prospectus to: Dr. Joanne Embree, MD, FRCP, Professor and Head, Department of Medical Microbiology, c/o Room A108 Chown Building, 753 McDermot Avenue, University of Manitoba, Winnipeg, MB R3E 0T5

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of "The Freedom of Information and Protection of Privacy Act" (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.

CLOSING DATE: May 15, 2013 (Position will remain open until filled.)

For more information on this and other opportunities, please visit:
umanitoba.ca/employment



UNIVERSITY
OF MANITOBA

ASSISTANT PROFESSOR Penn Scholars for Molecular Medicine/Institute for Immunology



Perelman
School of Medicine
UNIVERSITY OF PENNSYLVANIA

The Institute for Immunology at the University of Pennsylvania seeks candidates for an Assistant Professor position in the tenure track. Applicants must have an M.D or M.D./Ph.D. degree. B/C, B/E in Internal Medicine.

This is a joint recruitment with the Department of Medicine at the Perelman School of Medicine.

Through this program, we seek to recruit outstanding physician scientists interested in the interface between basic investigation and translational medicine. Faculty members in the Penn Scholars in Molecular Medicine will have appointments in both the Institute for Immunology and the Department of Medicine. In addition to providing an environment rich in scientific mentorship and collaboration, appointees to the Penn Scholars in Molecular Medicine program will receive generous start up packages to support the establishment of a robust research program.

The successful applicant will direct a productive, independent basic or translational research program in addition to complementary clinical service and teaching. Applicants are being considered in all immunology-related disciplines.

We seek candidates who embrace and reflect diversity in the broadest sense.

The University of Pennsylvania is an equal opportunity, affirmative action employer. Women and minority candidates are strongly encouraged to apply.

Apply for this position: http://www.med.upenn.edu/apps/faculty_ad/index.php/d3203