

# COMMUNITY OF SCIENCE

Web-Based Resources to Identify External  
Funding Opportunities, Publicize Research  
Expertise, and Promote Collaborations

# Community of Science

**The Leading Internet Site for  
Researchers Worldwide**

**[www.cos.com](http://www.cos.com)**

# COS OVERVIEW

- Community of Science is the leading Internet site for the global R&D community.
- COS offers scientists and R&D professionals direct access to the information, people and technologies that they need to succeed.
- The world's most advanced researchers depend on COS to promote their work, find funding, access experts, consult, and collaborate with colleagues.

# COS MEMBERS

- 80 of the top 100 U.S. universities\*
- 263 U.S. and Canadian universities
- 490 Commonwealth universities
- 86 Fortune 500 R&D Corporations
- 24 International government agencies
- Multiple entrepreneurial and incubator institutes

\* ranked by research expenditures

# COS SERVICES

COS services enable scientists to

- find funding
- promote their research
- collaborate with colleagues around the world

These services include

- COS Workbench
- COS Expertise
- COS Funding Opportunities
- COS Funding Alert

# COS WORKBENCH

- Access to numerous databases and services from individual's Workbench
- Customizable "work space"
- Serves as a "one-stop shopping" portal for researchers to collaborate, communicate, and receive personalized content

# COS Workbench


 **COS Workbench for Ms. Keanya R. CARTER** [my profile](#) | [workbench home](#) | [customize](#) | [logout](#)

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**Community of Science News**

- ▶ Announcing a new [COS Bookstore](#) located on your Workbench. Search for and order the books you need from 100,000 titles. Get email alerts about upcoming books, too!
- ▶ NEW **Remote Access** to bibliographic databases on your Workbench--now you can access any bibliographic database to which your university has subscribed from anywhere.

**COS Marketplace**



- ▶ [Buy a Book](#)
- ▶ [Find a Job](#)
- ▶ [Post a Job](#)
- ▶ [Research Employers](#)
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  - [BioResearch Guide](#)
  - [Laboratory Network Guide](#)
  - [Drug Discovery Directory](#)
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**COMMERCE PARTNERS**

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- ▶ [COS Help Desk](#)
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- ▶ [Pre-Flight Meal Might Curb Airborne Emergencies](#)
- ▶ [Laughter May Be Best Medicine for Heart Disease](#)
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- ▶ [AIDS Experts Say Catastrophe Threatens Russia](#)

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**Search COS Databases**

Topic:   25  Number of results to view  
(e.g., genetics, erosion, cardiology, history and marketing)

Search the following databases (click in the adjacent check box to add or remove a database from the search):

<input checked="" type="checkbox"/> <a href="#">AGRICOLA</a>	<input checked="" type="checkbox"/> <a href="#">Ei Compendex</a>	<input checked="" type="checkbox"/> <a href="#">MEDLINE</a>
<input checked="" type="checkbox"/> <a href="#">COS Expertise</a>	<input checked="" type="checkbox"/> <a href="#">Federal Register</a>	<input checked="" type="checkbox"/> <a href="#">Meetings and Conferences</a>
<input checked="" type="checkbox"/> <a href="#">COS Funding Opportunities</a>	<input checked="" type="checkbox"/> <a href="#">Funded Research</a>	<input checked="" type="checkbox"/> <a href="#">U.S. Patents</a>
<input checked="" type="checkbox"/> <a href="#">Commerce Business Daily</a>	<input checked="" type="checkbox"/> <a href="#">GeoRef</a>	

Click on a hyperlinked name above to access more search options for that database. Note: access to some databases is restricted to those from subscribing institutions.

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**Participate in Discussion Forums**

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- ▶ [Research Funding](#) - A forum to discuss issues related to the awarding and procurement of research funding. Topics will include grant writing, international research policy, and source-specific information.
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# COS EXPERTISE

- **COS Expertise is the largest network of its kind, containing detailed information for nearly 500,000 scientists and scholars worldwide.**
- **COS enables researchers to promote and publicize their research and expertise to a global audience.**
- **COS Expertise is a searchable system containing relevant data about the researcher's key professional interests, including:**
  - **Contact information**
  - **Institutional affiliation and positions held**
  - **Publications**
  - **Patents**
  - **Professional memberships, affiliations, honors and awards**
  - **Keywords associated with their research**

# KEYWORDS THESAURUS

- [www.cos.com/reference/keywords.shtml](http://www.cos.com/reference/keywords.shtml)
- TOPIC AREAS
  - Agriculture and Food Sciences
  - Area Studies
  - Arts and Humanities
  - Business, Management and Commerce
  - Education
  - Energy
  - Engineering
  - Health and Medicine
  - Law
  - Natural and Physical Sciences, Mathematics and Technology
  - Social Sciences

# COS Expertise-The Individual Profile

**Meetings and Conference**  
meetings home / about / help desk

**Meeting Details**

**100th General Meeting**

Theme	Life Sciences Convention
Society	American Society for Microbiology
Email	meetingsinfo@asmusa.org
Location	Metro Convention Center, Los Angeles, CA
Contact	Robert Lussier
Fax Number	202 942-9340
Office Number	202 942-9356
Office Number	202 737-3600
Meeting Date(s)	May 21, 2000 - May 25, 2000
Submission Deadline Date	Dec 1, 1999 Abstract Submission Deadline
Continuing Education Credit	No
Student Travel	No
Sponsor(s)	American Society for Microbiology

Professional Affiliations

**COS Expertise Record**  
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**Richard Syll KORNBLOTH**  
University of California, San Diego  
School of Medicine  
Medicine  
Infectious Diseases  
Associate Adjunct Professor

**Mailing Address**  
Department of Medicine-0679  
University of California, San Diego  
9500 Gilman Drive  
La Jolla, California 92037-0679  
United States

**Other Contact Information**  
Phone: (619) 594-9806 ext-2020  
E-mail: rkornblu@ucsd.edu

**Qualifications**  
Ph.D., Columbia University, Pathology, 1983  
M.D., New York Medical College, Medicine, 1975  
A.B., Harvard College, Philosophy, 1970

**Expertise and Research Interests | Other Expertise | Memberships | Patents | Funding Received | Publications | Search for Funding | COS Quick Forms**

**Keywords**  
**COS Keywords:** AIDS (acquired immunodeficiency syndrome), Arteriosclerosis or Atherosclerosis, Arthritis, Autoimmunity, Brain Tumors, Breast Cancer, Cancer or Carcinogenesis, Health and Safety, Medical Sciences, Biomedical, HIV Virus or Infection, Hypersensitivity, Immune System Disorders, Immunology, Inflammation, Injury, Immunophysiology, Leprosy, Lupus, Multiple Sclerosis, Pulmonary Diseases, Respiratory Diseases, Scleroderma, Thrombosis, Trauma, Cell Biology, Tuberculosis, Tumor Immunology, Tumors  
**Additional Terms:** astrocytoma, brain tumor, cancer, glioblastoma, glioma, immunology, melanoma, transplantation

**Languages**  
Scale: 1 (basic) to 3 (fluent)  
Reading, Writing, Speaking  
English: (3,3,3)

**Memberships**  
Alpha Omega Alpha Honorary Medical Society  
American Association of Immunologists  
American Society for Microbiology  
American Thoracic Society  
Society for Leukocyte Biology

**Patents**  
Substantially pure cytotoxicity triggering factor, United States of America, 4785077, 1996, institution-owned  
**Keywords:** USPTO Full Text  
Multimeric forms of CD40L and other TNF family members, United States of America, Patent pending

**Funding Received**  
National Institutes of Health (NIH): Immune and therapeutic suppression of HIV in the Lung, \$875,000, from Sep 29, 1996 to Jul 31, 2001  
National Institutes of Health (NIH): Macrophage-Tuberculosis Interactions: Functional Effects, \$705,946, from Sep 1, 1993 to Jun 30, 1999  
State of California, Universitywide AIDS Research Program: Regulation of macrophage-produced HIV suppressive factors, \$100,000, from Jul 1, 1997 to Jun 30, 1999  
Elizabeth Glaser Pediatric AIDS Foundation: The Role of CD40L in HIV-1 Infection, \$160,000, from Jan 1, 1999 to

**COS Funding Opportunities**  
funding opportunities home / about / instructions / subscription / help desk

Previous Record | Mark Record | Back to List of Results | New Search

[Click here to send this record to a colleague](#)

**COS Unique ID:** 4733

**Title:** Potential for Environmental and Therapeutic Agents to Induce Immunotoxicity - NIDDK

**Sponsor:** Department of Health and Human Services (DHHS)  
National Institutes of Health (NIH)  
National Institute of Environmental Health Sciences (NIEHS)

**Sponsor Type:** Federal, U.S.

**Deadline:** February 22, 2000

**Classification:** Unspecified

**Activity Location:** Unspecified

**Requirements:** Small Business  
Academic Institution or Government or Nonprofit  
Ph.D./M.D./Other Professional

The National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH), solicitation requests from offices that have the following capabilities and facilities:

Funding Information

**U.S. Patents**  
U.S. Patents Home / About / Instructions / Help

**Title:** Substantially pure cytotoxicity triggering factor

**Patent Number:** 04785077 (U.S. patents which cite this patent)

**Issue Date:** 11-15-1998

**Application Date:** 05-05-1996

**Application Number:** 859604

**Inventor(s):**

Name	Location
Kornbluth, Richard	San Diego CA
Edgerton, Thomas S.	La Jolla CA
Gregory, Susan A.	San Diego CA

**Assignee(s):**

Name	Location
Scripto Chair and Research Foundation	La Jolla CA

Patent information

**MEDLINE**  
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**Medline ID:** 98226793

**Citation:** Kornbluth JS, Kee R, Finkman DD, CD40 ligand (CD134) stimulation of macrophages to produce HIV-1 suppressive beta-chemokines. *Proc Natl Acad Sci U S A* 95: 9, 5205-10, Apr 28, 1998

**Address:** Department of Medicine  
University of California  
San Diego  
and Department of Veterans Affairs Medical Center  
La Jolla  
CA 92093  
USA, rkornblu@ucsd.edu

**Abstract**  
beta-chemokines play an important role in the development of immunologic reactions. Macrophages are major beta-chemokine-producing cells during T-cell-directed, delayed-type hypersensitivity reactions in human and have been reported to be

Publication abstracts and full text links

# COS FUNDING OPPORTUNITIES

- The COS Funding Opportunities database contains more than 19,300 research grants from governments, corporations, associations, societies and foundations, and is updated daily.
- Almost half of all records in COS Funding Opportunities are open to researchers anywhere in the world, without regard to citizenship or location.
- Researchers can choose to receive weekly email notification of grants that match their interests.

# COS FUNDING OPPORTUNITIES

- Locate funding opportunities
- Conduct online searches
- Link from COS Expertise profile
- Receive COS Funding Alert

# COS FUNDING ALERT

- Automatically sends weekly e-mail to researchers who select this service
- Alerts researchers of funding opportunities based on criteria established by the researcher
- Easily customizable
- Queries can be added, modified, and deleted

# COS Funding Alert

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## **SAMPLE COS FUNDING ALERT**

The following grant opportunities were returned by your current Alert search(es):  
**\*\*Note:** To directly access the hyperlinks below, you must use a campus computer.  
To access Alert results from off-campus you must login to your COS Workbench  
(<http://www.cos.com>).

**Search: public policy**

Total Results: 4

Search Criteria: ((public pre/1 (policy)) or (international pre/1 (policy))) and  
(Requirements=(PhD or MD or Other Professional or Academic Institution or  
Government or Nonprofit )) and (Activity Location=(United States or Unrestricted )  
or (Activity Location Sub-entity=(United States )) or (Activity Location Super-entity=  
United States )))

**Title: Research Grants**

Sponsor: IBM Center for the Business of Government

Amount: \$15,000

Deadline: November 03, 2003

March 15, 2004

URL to view this opportunity:

<http://fundingopps.cos.com/cgi-bin/getRec?id=49243>

# International Presence

- **Commonwealth Knowledge Network**
  - Partnership with Association of Commonwealth Universities
  - 250,000 researchers at 480 universities in 36 countries
  - Includes U.K., India, Australia, Singapore, Hong Kong
- **COS China**
  - Partnership with Chinese Academy of Sciences
  - 35,000 initial researchers, up to 350,000 at 120 institutes
- **Discussions underway with France, Israel, Switzerland, and others**
- **Geographic views enable members to:**
  - Search for funding opportunities and related research by country
  - Find and communicate with experts in and from a specific country



# COS: A Universal Research Resource

- The Internet has opened the door for universities-becoming the pipeline for partnerships.
- COS is an online community of scientists, researchers and research and development professionals, and is a top resource for universities as well as global industries.