

CONFERENCE PROGRAM

8:15 - 9:15 AM

- *Registration and Continental Breakfast
- *Exhibitor Displays
- *Poster Presentations

9:15 - 9:30 AM

- *Welcome

9:30 - 10:45 AM

- *Keynote Address
Paul Fisher
"Two Genes are Better Than One: A Combination Approach for Pancreatic Cancer"

10:45 - 11:45 AM

- *Exhibitor Displays
- *Poster Presentations

11:45 - 1:00 PM

- *Luncheon and Business Meeting

1:00 - 2:15 PM

- *Keynote Address
Sam Rhine
"Advances In Pluripotent Stem Cell Research"

2:15 - 3:45 PM

- *Member Paper Presentations
- *Concurrent Workshops
- *Exhibitor Displays



The Metropolitan Association of College and University Biologists is proud to announce its:

40th Annual Fall MACUB Conference

Saturday, October 20, 2007

**St. Johns University
Queens, New York**

Conference Theme: "The Transformers: Advances in Cancer and Stem Cell Research"

The Keynote Address:
"Differentiation Therapy Of Cancer: From Bench To Bedside"
will be presented by:
Paul B. Fisher

Professor of Clinical Pathology, a Chernow Research Scientist in the Departments of Pathology and Oncology, and Neuro-oncology Program Director at Columbia-Presbyterian Medical Center.

Dr. Fisher was founder and Co-Editor-in-Chief of Molecular and Cellular Differentiation, and currently serves on numerous additional editorial boards and on several grant and scientific advisory panels. He is an author on over 325 articles in peer-reviewed and high-impact journals. Dr. Fisher is among the top 5% of funded investigators of the National Institutes of Health (NIH) over the past 25 years. In addition to research support from governmental agencies, including the National Cancer Institute (NIH), Neurology and Stroke (NIH) and General Medical Sciences (NIH), his research has also been supported by a number of private foundations and endow-



ments, including the Samuel Waxman Cancer Research Foundation, the Lustgarten Foundation for Pancreatic Cancer Research, CaP CURE and the Chernow endowment. His research focuses on mechanisms of cancer development, progression and differentiation, and methods of treatment of cancer and neurodegeneration. Dr. Fisher has patented over 50 innovative technologies for gene discovery and characterization, novel genes and gene promoters, small molecule screening, monoclonal antibody development and tumor antigen modulation, and production of complete open reading frames of genes and systems for regulating gene expression. Using these strategies, Dr. Fisher's laboratory has cloned vital genes involved in cancer development, progression and suppression, cellular differentiation, senescence and neurodegeneration. His efficient gene discovery technologies resulted in the first cloning of: melanoma differentiation associated gene-6 (*mda-6*), the cyclin-dependent kinase inhibitor p21; *mda-7*/interleukin-24 (*mda-7/IL-24*), a novel cytokine gene that selectively induces apoptosis in cancer cells and has shown significant clinical efficacy as a gene-based therapeutic in Phase I/II clinical trials in patients with advanced carcinomas and melanomas; *mda-5*, a major contributor to the innate immune response; *mda-9*/syntenin, a regulator of cancer metastasis; and human polynucleotide phosphorylase, a regulator of cellular differentiation and senescence. Dr. Fisher was founder and chairman of the scientific advisory board of a functional genomics Company, GenQuest, Inc., which successfully merged in 1998 with Corixa Corporation, (NASDAQ: CRXA) in Seattle, WA, which was acquired in 2005 by GalaxoSmithKline (NYSE: GSK).

The Keynote Address:
"Advances In Pluripotent Stem Cell Research"
will be presented by:

Sam Rhine

Founder of the Genetic Education Center

Sam Rhine has attended Indiana University, Indiana School of Medicine, and Harvard Medical School. He has devoted himself to genetics education for 20+ years. He is a gifted speaker with a passion to teach the world the applicability of genetics to daily living. Sam specializes in the most current information in such fields as Human Genetics, Biotechnology, Cloning, Stem Cells, Reproductive Biology, Prevention of Birth Defects and the Prevention of AIDS. He will present the latest technologies and information available on stem cell research.



For the past several years, Sam has concentrated on presenting Genetic Update Conferences (GUC's). These one-day conferences for biology teachers and students are designed to teach the latest in genetic advances, hot research areas, and career opportunities. Sam takes biology from the textbook to the heart by posing ethical dilemmas each will face as technological advances continue.

**MACUB
Celebrates Its
40th Anniversary
This Year**

Student Membership

We encourage your students to become Associate Members in MACUB. Many of them will go on to graduate and professional schools. Their membership, participation and attendance at conferences such as these can enhance the experiences they include on their applications and discuss during interviews.

**2007 MACUB Conference Registration Form
40th Annual MACUB Conference at St. Johns University
Saturday, October 20, 2007**

Registrations should be returned no later than **October 12, 2007**. Registration on the day of the conference will be \$55. A separate form must be completed by each person attending the conference. Please photo copy this form for each additional registrant.

- Dr. Regular Member Student Member¹
 Prof. Full-Time Faculty Member's Spouse/Guest
 Mr. Adjunct Faculty¹
 Ms.

* Name: _____ * School Phone: _____
 * Department: _____ * Fax: _____
 * School: _____ * E-Mail: _____
 * Address: _____

*The above information may appear in a Directory of Members unless you indicate otherwise.

Home Address: _____

I prefer MACUB mailings
to be sent to my:

School Home¹

Home Phone: _____

¹Student and adjunct mailings will normally be sent to your home address.

	Early Bird 9/21	In Advance by 10/12	On-Site 10/20	
<input type="checkbox"/> Regular Member	\$45	\$50	\$55	Includes 2008 membership dues, conference registration, continental breakfast and luncheon.
<input type="checkbox"/> Student Associate Membership	\$35	\$35	\$40	Includes 2008 Associate Membership dues, conference registration, continental breakfast and luncheon.
<input type="checkbox"/> Member's Spouse/Guest	\$35	\$35	\$40	Includes conference registration, continental breakfast and luncheon.

I will not be attending the Conference but enclosed is my 2008 membership dues.

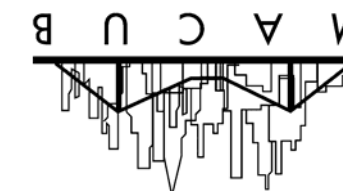
Regular Member \$20 Student Member \$10

Return this registration form by **October 12, 2007**
 Please make checks payable to: **MACUB**
 Send registration form and check to:
 Dr. Paul Russo
 Division of Natural Sciences & Mathematics
 Bloomfield College
 467 Franklin Street
 Bloomfield, NJ. 07003

Registration fees are refundable upon written notification by **October 12, 2007**. The membership fee (\$20 for regular members and \$10 for student members) will be deducted. *No refunds will be given postmarked after October 12, 2007.*

FIRST CLASS MAIL

Prof. Gary Sarinsky
 Department of Biological Sciences
 Kingsborough Community College
 201 Oriental Boulevard
 Brooklyn, New York 11254



You are invited to participate in the 40th Annual Fall MACUB Conference. Proposals are now being accepted for member paper presentations and poster presentations.

DEADLINE FOR SUBMISSION OF MEMBER AND POSTER PRESENTATIONS IS OCTOBER 3rd.

Member Paper Presentations

Proposals are now being accepted for member paper presentations. If you wish to make a paper presentation (20 min.) which will discuss the results of research or share ideas, please register on-line at the MACUB web site www.macub.org. If you have any questions contact Dr. Carla Beeber, at 718 368-5265 or cbeeber@kingsborough.edu. Deadline for submission is October 3, 2007

Poster Presentations

If you or any of your students wish to make poster presentations, please register on-line at the MACUB web site www.macub.org. If you have any questions contact Dr. Mohamed Lakrim, at 718- 368-5107 or mlakrim@kingborough.edu, or Dr. Sarwar Jahangir, 718-368-5743 or sjahangir@kingsborough.edu. Deadline for submission is October 3, 2007
 2001 Oriental Boulevard, Brooklyn, NY 11235 (718-368-5095)

Please note: All abstracts and member presentations must be registered on line at www.macub.org

Call For Poster Judges

If you would like to be a poster judge at the conference, please call or email:
 Dr. Mohamed Lakrim, 718-368-5107, e-mail mlakrim@kbcc.cuny.edu; or
 Dr. Sarwar Jahangir, 718-368-5743, e-mail sjahangir@kbcc.cuny.edu