

Frontiers in Stem Cell Medicine

Presented by:
University of Rochester Medical Center
Clinical and Translational Science Institute
Stem Cell and Regenerative Medicine Institute

May 23, 2008
University of Rochester
School of Medicine & Dentistry
Rochester, NY

Sponsored by:



SCHOOL OF MEDICINE & DENTISTRY
UNIVERSITY of ROCHESTER MEDICAL CENTER

Office of Continuing Professional Education

STATEMENT OF NEED/COURSE DESCRIPTION

Stem cell medicine is a rapidly growing field, with considerable potential to impact the practice of medicine in diverse ways. Multiple basic science and clinical research groups at the University of Rochester Medical Center and River Campus have built strong research programs in stem cell medicine and have recently formed the University of Rochester Stem Cell and Regenerative Medicine Institute in order to facilitate a coordinated effort between these basic science groups and physicians and clinical researchers in the application of stem cell medicine to important problems in patient health.

The Frontiers in Stem Cell Medicine Symposium will help foster such collaborative efforts in two primary ways. First, the symposium will bring physicians, clinical researchers, and basic science researchers together for a day of concentrated interaction. Second, by featuring five lectures by internationally recognized experts in stem cell medicine (four from the University of Rochester and one from the National Institutes of Health), the symposium will provide an education in the current state of the art and possibilities presented by stem cell medicine.

COURSE OBJECTIVES

The conference is designed so that at its conclusion, participants should be able to:

- Discuss what stem cell medicine is and how it is likely to impact research and clinical care in the next decade
- Explain how stem cell medicine can provide new approaches to disease treatment in the central nervous system
- Describe how new advances in stem cell medicine will impact on the field of cancer treatment
- Discuss how stem cell medicine will impact fracture repair in the elderly

CERTIFICATION

The University of Rochester School of Medicine & Dentistry is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Rochester School of Medicine & Dentistry designates this educational activity for a maximum of 3.0 *AMA PRA Category 1 credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

SCHEDULE

- 7:00 - 8:00am** **Registration & Continental Breakfast**
- 8:00 - 8:15am** **Welcome & Introduction**
Mark Noble, PhD
- 8:15 - 8:50am** **Repair of Demyelinating Damage to the CNS**
Steven Goldman, MD, PhD
- 8:50 - 9:25am** **Stem cell physiology**
Mark Noble, PhD
- 9:25 - 10:00am** **Break / Poster Session**
Featuring Members of the University of Rochester Stem Cell Research Community
- 10:00 - 10:35am** **Cancer Stem Cells**
Craig Jordan, PhD
- 10:35 - 11:10am** **Mesenchymal Stem Cell Biology**
Rocky Tuan, PhD
- 11:10 - 11:45am** **Stem Cell Recruitment in Fracture Healing**
Edward Puzas, PhD
- 11:45am - 1:00pm** **Lunch / Poster Session**
Featuring Members of the University of Rochester Stem Cell Research Community

ACTIVITY DIRECTOR

Mark Noble, PhD

Professor of Genetics, Neurobiology and Anatomy

Department of Biomedical Genetics

Director, University of Rochester Stem Cell and Regenerative Medicine Institute

University of Rochester Medical Center

PLANNING COMMITTEE

Thomas Fogg, MS

Administrator of Clinical Research, Dean's Office

University of Rochester School of Medicine and Dentistry

Richard Moxley, III, MD

Professor of Neurology and Pediatrics

Director of Neuromuscular Disease Center

University of Rochester Medical Center

Randy Rosier, MD, PhD

Professor, Department of Orthopaedics & Rehabilitation

University of Rochester Medical Center

GUEST FACULTY

Rocky Tuan, PhD

Chief, Cartilage Biology and Orthopaedics Branch

National Institute of Arthritis and Musculoskeletal and Skin Diseases

National Institutes of Health (NIH)

UNIVERSITY OF ROCHESTER MEDICAL CENTER FACULTY

Steven Goldman, MD, PhD

Dean Zutes Chair and Professor of Neurology and Neurosurgery

Chief, Division of Cell and Gene Therapy

Co-Director, Center for Translational Neuromedicine

Craig Jordan, PhD

Associate Professor of Medicine

Departments of Medicine, Biomedical Genetics and Wilmot Cancer Center

J. Edward Puzas, PhD

Donald and Mary Clark Professor of Orthopaedics

Department of Orthopaedics

LOCATION

The conference will take place at the University of Rochester School of Medicine & Dentistry Conference Center, 601 Elmwood Avenue, Rochester, NY. Driving instructions will be mailed with the registration acknowledgement.

POSTER SESSION

We would like to invite all members of the University of Rochester scientific community, and other attendees at this meeting, to present a poster on stem cell-related research that they might be conducting. Posters will be on display throughout the meeting, and will provide an opportunity for members of the stem cell community to share their work with other colleagues. Many of the exciting collaborations at UR have emerged from meetings that occur during a poster presentation, and we wish to encourage the development of a larger number of such interactions.

Posters will be of the standard that are presented at other scientific meetings, and we encourage students, postdoctoral fellows and faculty to present posters that are either being presented for the first time or have been prepared for other recent meetings. **Posters may not be larger than 4'x6'.**

You **must register on the attached form no later than May 16th if you wish to present a poster.** Also, please indicate if you will be providing a poster abstract, which will be presented to conference attendees as part of the syllabus materials. **Abstracts must be e-mailed no later than May 16th to:**
christina.laycock@cpe.rochester.edu

REGISTRATION

All persons wishing to register should complete and return the **Registration Form with payment by May 9th, 2008 to:**

University of Rochester
Office of Continuing Professional Education
601 Elmwood Ave., Box 677
Rochester, NY 14642-8677
Fax: 585.275.3721

FEES

\$25.00: Participants desiring CME Category 1 Credit for attending
No Charge: All Others

FORMAL REGISTRATION IS REQUIRED FOR ALL ATTENDEES REGARDLESS OF FEE.

Fee includes attendance at all course sessions, course materials and refreshments. The registration fee must accompany the registration form. Please make checks payable to Continuing Professional Education. If you are paying by credit card, you may fax your registration form to 585.275.3721. Receipts will be issued at the conference. For all cancellations, an administrative fee of \$10 will be deducted from all refunds. No refunds will be issued after May 9th, 2008.

U OF R VOUCHER AWARD PROGRAM

The CME Voucher Award Program has been developed to recognize the efforts of the Medical School's community based preceptors, to encourage their continued involvement and to acknowledge the importance of their contributions. Vouchers can be redeemed ONLY for activities registering through the University of Rochester Office of Continuing Professional Education. Instructions for use are on the Vouchers. A limited number of 'Voucher' registrations will be available for any given activity. Vouchers are redeemed on a first come-first serve basis.

UR NURSING CONTACT HOUR (NCH) COUPON AWARD PROGRAM

This Program has been developed to recognize the efforts of the School of Nursing's preceptors, to encourage their continued involvement, and to acknowledge the importance of their contributions.

Coupons can be redeemed for activities registering through the University of Rochester Office of Continuing Professional Education, the School of Nursing and the Center for Lifelong Learning at the Community Nursing Center at the School of Nursing. Instructions for use are on the Coupons.

REFRESHMENTS

A continental breakfast, beverages, and boxed lunch will be provided. Please indicate any special dietary needs on the registration form.

ACCOMMODATIONS

Attendees requiring overnight accommodations should call the Courtyard Rochester Brighton at 585.292.1000. The hotel is located at 33 Corporate Woods, Rochester, NY 14623. When making reservations, please indicate you will be attending the University of Rochester Stem Cell Conference. Please call by May 1, 2008 to insure the discounted conference rate.

INFORMATION / ADA SERVICES*

For more information or to make accommodations for learners with disabilities, contact the Office of Continuing Professional Education at 585.275.4392 or e-mail: office@cpe.rochester.edu. Office hours are Monday-Friday, 8:00 am – 4:30 pm.* Please call at least TEN days in advance of the conference for ADA Accommodations.

Frontiers in Stem Cell Medicine
Friday, May 23, 2008
University of Rochester School of Medicine & Dentistry

REGISTRATION FORM – PLEASE PRINT

REQUIRED OF ALL ATTENDEES

Name _____ Title _____

Birth month & day (Ex. June 20 = 06/20) / (for record keeping)

Address - Please indicate Work OR Home
_____ Box/Suite Number _____

City/State/Zip _____ / _____ / _____

Institution/Affiliation _____

Practice Specialty _____

Office Phone _____ Fax _____

Email _____

Special Dietary Needs _____

POSTER SESSION

I will be presenting a poster

I would like to have my poster abstract printed as part of the conference syllabus

Title of Poster _____

Author(s) _____

FEES

\$25.00 Participants desiring CME Category 1 Credit for attending

No Charge All Others

METHOD OF PAYMENT:

Check Payable to: Continuing Professional Education

CME Voucher + \$ _____ (if applicable)

Nursing Voucher + \$ _____ (if applicable)

Credit Card Visa MasterCard Discover

Card Number _____ Exp. Date _____

Name on Card _____

Signature _____

Please return this form with payment to:

University of Rochester
Continuing Professional Education
601 Elmwood Ave., Box 677
Rochester, NY 14642-8677 Fax: 585.275.3721

If paying by credit card, you may fax
your registration form to our office.
Copies of this form are acceptable. Please
do not reduce the size of this form.