

CONFERENCE SCHEDULE

CONFERENCE SCHEDULE

SATURDAY, MAY 10 CONTINUED

SUNDAY, MAY 11

2 – 3:30 p.m.

- **Barbara Tigges, Ph.D.**, BioE, Inc. Research and Development, “Umbilical cord blood-derived multi-lineage progenitor cells (MLPC), a model for tissue engineering and drug discovery”
  - Speaker: TBA
  - Speaker: TBA
- Tissue Engineering– Session**
- **Shuichi Takayama, Ph.D.**, University of Michigan, “Microfluidics for stem cell biology and therapy”
  - **Donggang Yao, Ph.D.**, Georgia Institute of Technology, “Fabrication of functional porous structures for tissue engineering”
  - **Luis Villa Diaz, Ph.D.**, University of Michigan, “Use of synthetic polymers for the culture of hESCs”
  - **Thomas Diekwisch, D.M.D., Ph.D.**, University of Illinois at Chicago College of Dentistry, “Dental stem cells and periodontal regeneration”

3:30 – 4 p.m.

Coffee Break

4 – 5:30 p.m.

- Stem Cell Biology - Session III**
- **Bruno Peault, Ph.D.**, University of Pittsburgh & Children’s Hospital of Pittsburgh, “Perivascular origin of mesenchymal stem cells (MSC) and other multi-lineage progenitors encountered in adult human tissues”
  - **Dean Tantin, Ph.D.**, University of Utah, “The homologous transcription factors Oct1 and Oct4 are signal integrators and regulators of “stemness”
  - **José Garcia Perez, Ph.D.**, University of Michigan, “LINE-1 retrotransposition in human embryonic stem cells”
  - **Kimberly Drenser, MD**, Beaumont Hospitals, “Title: TBA”

6:30 – 7:30 p.m.

- Keynote Speaker**
- **Andras Nagy, Ph.D.**, Mount Sinai Hospital, Toronto, “Mouse Genetics: The changing landscape”

7:30 – 9 p.m.

Dinner

- 8 – 10 a.m. Continental Breakfast, Business Meeting and Closing Remarks
- 9 a.m. Golf Tee Time (Optional)
- 10:05 a.m. Conference Adjournment

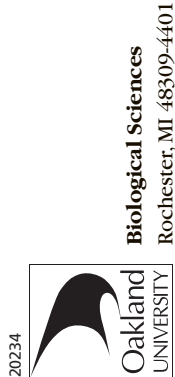
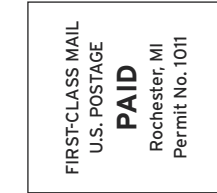
IMPORTANT DATES

Early registration deadline: **March 31, 2008**  
Abstract submission deadline: **April 14, 2008**

To register, please visit [www.oakland.edu/research/stemcell](http://www.oakland.edu/research/stemcell), or contact Oakland University Professor of Biological Sciences Rasul Chaudhry, Ph.D., **(248) 370-3350** or [stemcell@oakland.edu](mailto:stemcell@oakland.edu).

SUGGESTED HOTELS

- |   |   |
|---|---|
| The Royal Park Hotel<br>600 E. University Dr.<br>Rochester, MI 48307<br>(248) 652-2600    | Hilton Suites<br>2300 Featherstone Rd.<br>Auburn Hills, MI 48326<br>(248) 334-2222                                |
| Crowne Plaza<br>1500 Opdyke Rd.<br>Auburn Hills, MI 48326<br>(248) 373-4550               | Radisson Hotel<br>Detroit-Bloomfield Hills<br>39475 Woodward Ave.<br>Bloomfield Hills, MI 48304<br>(248) 644-1400 |
| Courtyard by Marriott<br>1296 N. Opdyke Rd.<br>Auburn Hills, MI 48326<br>(248) 373-4100   | Staybridge Suites<br>2050 Featherstone Rd.<br>Auburn Hills, MI 48326<br>(248) 322-4600                            |
| Homestead StudioSuites<br>3315 University Dr.<br>Auburn Hills, MI 48326<br>(248) 340-8888 |   |



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CONFERENCE ON  
STEM CELL BIOLOGY  
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**THE FIRST MIDWEST  
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MAY 9 – 11, 2008

MEADOW BROOK HALL  
OAKLAND UNIVERSITY • ROCHESTER, MICHIGAN



# THE FIRST MIDWEST CONFERENCE ON STEM CELL BIOLOGY AND THERAPY

will bring together scientists and  
clinicians from across the globe to share the latest  
advancements in stem cell research.

Join noted international speakers to discuss conference topics  
such as:

- Basic stem cell biology
- Stem cell therapeutics
- Stem cell-based tissue engineering
- Drug discovery and design
- Ethical and political issues

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CONFERENCE SCHEDULE	
FRIDAY, MAY 9	
10 a.m. – 6:30 p.m.	On-Site Registration
2 – 4 p.m.	Poster and Exhibit Set-up
4 – 5 p.m.	Poster and Exhibit Viewing
<b>Workshops</b>	
11:30 –12:15 p.m.	Lunch
12:30 – 1:30 p.m.	Regulatory <ul style="list-style-type: none"><li>• <b>David Svinarich, Ph.D.</b>, Providence Hospital</li><li>• <b>Domenico Luongo, MSc, CHMM</b>, Oakland University</li></ul>
1:40 – 2:40 p.m.	Basic Science <ul style="list-style-type: none"><li>• Stem cell isolation, culture, maintenance and differentiation<ul style="list-style-type: none"><li>• <b>Jaime Brozowski, BS</b>, Oakland University</li><li>• <b>Christopher Fecek, BS</b>, Oakland University</li><li>• <b>Theresa Gratsch, Ph.D.</b>, University of Michigan</li></ul></li></ul>
2:40 – 3 p.m.	Coffee Break
3 – 4 p.m.	Clinical <ul style="list-style-type: none"><li>• Animal and human studies<ul style="list-style-type: none"><li>• <b>Michael Chancellor, MD</b>, Beaumont Hospitals, “Muscle stem cell tissue engineering for urinary incontinence”</li><li>• <b>Ibrahim Ibrahim, MD, MPH, Ph.D.</b>, Beaumont Hospitals, “Funding for stem cell therapy research”</li></ul></li></ul>
6 – 8 p.m.	<b>Opening Session</b> <b>Welcome</b> <ul style="list-style-type: none"><li>• <b>Keynote Speaker, Honorable Senator Carl Levin</b>, D-Michigan, “The gift of life: Pursuing ESC research in Michigan”</li><li>• <b>Max Wicha, MD</b>, University of Michigan Comprehensive Cancer Center, “Stem cells in breast development and cancer”</li><li>• <b>Ales Hampl, Ph.D.</b>, Institute of Experimental Medicine and Masaryk University, Czech Republic, “How do hESC sense and respond to damage to their DNA?”</li><li>• <b>Michael Chopp, Ph.D.</b>, Henry Ford Hospital/ Oakland University, “Remodeling injured brain with cell therapy”</li></ul>
8:30 – 10 p.m.	Poster Awards and Reception
8:45 – 9:45 p.m.	Junior Investigators & Students Meet the Experts

CONFERENCE SCHEDULE	
SATURDAY, MAY 10	
7 – 10 a.m.	On-Site Registration
7 – 7:30 a.m.	Poster and Exhibit Set-up
7 – 8 a.m.	Continental Breakfast
7 – 8 a.m.	Junior Investigators & Students Meet the Experts
8 – 8:15 a.m.	Introduction and Welcome
8:15 – 10 a.m.	<b>Stem Cell Biology – Session I</b> <ul style="list-style-type: none"><li>• <b>Tenneille Ludwig, Ph.D.</b>, University of Madison-Wisconsin, “Feeder-free culture of embryonic stem cells”</li><li>• <b>Gregory Dressler, Ph.D.</b>, University of Michigan, “Renal epithelial stem cells and development”</li><li>• <b>Kameswara Badri, Ph.D.</b>, Wayne State University, “From bronchial myogenesis to the TIP family of transcription regulators”</li><li>• <b>Ivan Maillard, Ph.D.</b>, University of Michigan, “To be or notch to be: What notch does and does not do in the hematopoietic system”</li></ul>
8:15 –10 a.m.	<b>Stem Cell Therapy – Session I</b> <b>Degenerative/ Age-related Diseases</b> <ul style="list-style-type: none"><li>• <b>Pamela Raymond, Ph.D.</b>, University of Michigan, “Defining a retinal stem cell niche”</li><li>• <b>Omar Khan, MD</b>, Wayne State University Medical School, “The use of SC therapy in multiple sclerosis: Promises and challenges”</li><li>• <b>Jack Parent, MD</b>, University of Michigan , “hESC-derived neural progenitor isolation for regenerative therapy after stroke”</li><li>• <b>Mick Perez-Cruet, MD</b>, Providence Hospital, “Stem cell use in degenerative disc disease”</li></ul>
10 – 10:20 a.m.	Coffee Break
10 a.m – 12 p.m.	Poster and Exhibit Viewing
10:20 – 11:50 a.m.	<b>Stem Cell Biology – Session II</b> <ul style="list-style-type: none"><li>• <b>C.C. Chang, Ph.D.</b>, Michigan State University, “Development of multipotent stem cells by chemical supplementations in culture medium”</li></ul>

CONFERENCE SCHEDULE	
SATURDAY, MAY 10 CONTINUED	
10:20 – 11:50 a.m.	<ul style="list-style-type: none"><li>• <b>Deborah Giumucio, Ph.D.</b>, University of Michigan, “Gastric progenitor cells: A link to gastric cancer?”</li><li>• <b>Pamela G. Robey, Ph.D.</b>, NIDCR, NIH, “Skeletal stem cells: The cause and the cure”</li><li>• <b>Gary Hammer, MD, Ph.D.</b>, University of Michigan, “Adrenal stem/progenitor cells: Implications for cancer”</li></ul> <b>Stem Cell Therapy – Session II</b> <b>Heart, Lung, and Blood Diseases</b> <ul style="list-style-type: none"><li>• <b>Thomas Bauer, Ph.D.</b>, NCI, NIH, “Update on hematopoietic stem cell gene therapy”</li><li>• <b>Shannon McKinney-Freeman, Ph.D.</b>, Harvard Medical School and Children’s Hospital, “Making blood from embryonic stem cells: A sanguine future”</li></ul> <b>Developmental Diseases</b> <ul style="list-style-type: none"><li>• <b>Mark Furth, Ph.D.</b>, Wake Forest Institute for Regenerative Medicine, “Potential of amniotic fluid-derived stem cells for regenerative medicine”</li><li>• <b>Jack Mosher, Ph.D.</b>, University of Michigan, “Neural crest stem cells in development, disease, and therapy”</li></ul>
12 – 1 p.m.	Lunch
1-2 p.m.	<b>Panel of Stem Cell Ethics and Political Implications</b> <ul style="list-style-type: none"><li>• <b>Graham Parker, Ph.D.</b>, Wayne State University Children’s Hospital of Michigan, “Stem cells and clinical practice: Pragmatics before therapeutics”</li><li>• <b>Christine Gorka, Ph.D.</b>, Providence Hospital, “Stem cell disparities: Addressing ethical concerns around justice”</li><li>• Speaker: TBA</li><li>• Speaker: TBA</li></ul>
2 – 3:30 pm	<b>Drug Design and Development – Session</b> <ul style="list-style-type: none"><li>• <b>Peter Sartipy, Ph.D.</b>, Cellartis AB, Sweden, “Human embryonic stem cells for drug discovery”</li></ul>