



University of Michigan
Center for Organogenesis
NEWSLETTER



Now online at: <http://www.med.umich.edu/medschool/organo/>

Spring, 2008

109 Zina Pitcher Place, Room 2043 BSRB

After over 70 inches of snow this past winter (Ann Arbor's snowiest winter in over 100 years!), spring is finally here (or so we are told). In the warm weather, the Center is actively gearing up for fellowship competitions, collecting new images for this year's Bioartography booth at the Ann Arbor Art Fair, and planning for our next travel award competition (due on 6/1/08). Read on for more information on these activities and check out our terrific lineup of seminar speakers for Fall 08 and Winter 09.

Fellowship Competition

Fellowship competitions will be held this summer for positions to begin on September 1, 2008. Applications are available on our website (see below). Competitions for all fellowships will begin on June 1 and end on July 31, 2008. Please contact Becky for additional information at 936-2499 or rpintar@umich.edu.

<http://www.med.umich.edu/medschool/organo/fellow.htm>

Three NIH predoctoral fellowships and two NIH postdoctoral fellowships will be available. These NIH/NRSA fellowship awards will provide two years of support to predoc fellows (candidates only) and postdoc fellows (Ph.D./M.D. degree) who wish to undertake a research project in the field of Organogenesis. The research project must fit within the goals of the Center and those that cross interdisciplinary lines are preferred. Individuals who are submitting applications for this fellowship must be U.S. Citizens or permanent residents. Primary faculty mentors must have an active research program with sufficient funds to provide continuous support for a trainee (NIH or NSF grant or equivalent). Potential faculty mentors who are not already listed as training grant mentors may apply for mentorship simultaneously with the fellowship submission. Mentor applications are also available at the URL listed above.

In addition to the NIH-supported training grant slots, we are happy to announce that we will offer two non-traditional fellowship positions. These fellowships will offer \$25,000 for one year of support to non-US Citizen postdoctoral fellows (Ph.D. or M.D. degree) proposing research projects in the field of Organogenesis. One of these has traditionally been funded by the Medical School (Dr. Woolliscroft). This year the Dean of the School of Dentistry, Dr. Peter Polverini, has generously agreed to fund a second slot. Both non-traditional fellows participate in all training program activities.

BioArtography

It's time to start thinking about and planning for Art Fair and if you forgot to submit your Bioartography images, send them in right away. We've recently received many awesome images that will be available at the Art Fair Booth. We are also planning to bring back many of the best-sellers from the past three years. We are hopeful for another successful Art Fair and hope that many of you will be willing, once again, to help out in this important public outreach project. Please contact Becky (rpintar@umich.edu) if you are interested in working at this year's booth.

During April 21 - June 18, many Bioartography pictures will be on display in the Women's Hospital (Taubman South 2D) through the UM Gifts of Art Program. We are very excited about this display since over 10,000 people a day will view our beautiful images.

The Bioartography project sponsored a recent travel award competition, and the following individuals received \$1000 toward travel to a scientific meeting:

Mo Weng, Cell and Developmental Biology - Predoc Fellow

Wenbo Yan, Pediatrics and Communicable Diseases - Postdoc Fellow

Congratulations to Mo and Wenbo!!!!

Our next travel award competition deadline is June 1, 2008. For more information, visit our website at

<http://www.med.umich.edu/medschool/organo/bioartography.html>

The 7th International Symposium on Organogenesis

We just wanted to thank all of you for your participation at the 7th Intl. Symposium on Organogenesis and Epigenetics, held last October. Based on your evaluations, everything went well - the lectures were excellent, the food was good, and the venue was a hit!

Again, we would like to thank the following for their generous Symposium co-sponsorship support:

UM Cardiovascular Center

UM Center for Genetics in Health and Medicine

UM Division of Molecular Medicine and Genetics, Department of Internal Medicine

UM Rackham Graduate School

UM Stem Cell Biology Center

UM Office of the Vice President for Research

Planning of future symposia is in the works, and we'll keep you informed as progress is made.

Organogenesis of Complex Tissues (CDB 680-683)

This course will again be offered this fall with Deb Gumucio serving as the course director. Two modules are being planned: 1) Stem Cells and Organogenesis and 2) Cardiac Organogenesis and Disease. More information will be available soon. Watch our website for updates.

<http://www.med.umich.edu/medschool/organo/courses.htm>

Spring Organogenesis-Related Lectures

4/17/08: *"Hic-5, A Stromal Specific Transcriptional Coactivator that Functions in Androgen and TGF-Beta Signaling in Prostate"*

Donald DeFranco, Ph.D., University of Pittsburgh, Department of Pharmacology and Institute for Neurodegenerative Disease.

3:30 PM, BSRB Seminar Rooms, 109 Zina Pitcher Place

5/1/08: *"Tube or Not Tube: Molecular Regulation Mammary Epithelial Morphogenesis in vivo and in Organotypic Culture"*

Zena Werb, Ph.D., UCSF, Department of Anatomy.

3:30 PM, BSRB Seminar Rooms, 109 Zina Pitcher Place

5/2/08: *Transcriptional Regulation of Mammary Development and Breast Cancer Progression*
Zena Werb, Ph.D., UCSF, Department of Anatomy.
This lecture is sponsored by the Department of Internal Medicine (MMG) and Cancer Center.
10:00 AM, BSRB Seminar Rooms, 109 Zina Pitcher Place.

Upcoming Stem Cell Conference - Co-sponsored by Center for Organogenesis

The 2008 1st Midwest Conference on Stem Cell Biology and Therapy will be held at the historical Meadow Brook Mansion Hall at Oakland University, Rochester, MI during May 9-11, 2008. The SCBT conference will address the latest advancements in research on stem cell biology, tissue engineering, and therapy involving embryonic stem cells, adult stem cells, as well as umbilical cord blood stem cells. In addition, the conference will provide an opportunity to educate the general public in ethical and scientific issues concerning stem cell research and clinical applications. For a list of speakers, workshops, registration materials, and other conference events, please visit the conference website:

<http://www2.oakland.edu/research/stemcell/pages/index.cfm>

CDB/CFO Human Embryonic Stem Cell Training Course - Coming in Fall, 2008

The Michigan Center for hES Cell Research is planning to offer a training course on the culture of Human Embryonic Stem Cells. The course is scheduled to be held on September 22-25, 2008, and will be held in the hESC facilities in the Biomedical Science Research Building (BSRB). Applicants must have prior tissue culture experience and willing to allocate 4 days to training. The course will provide participants with extensive training in the culture and maintenance of hES cells in their pluripotent state, and assessment of pluripotency. The cost will be \$1000.00/participant. The price includes the use of cells, tissue culture supplies and necessary media components. Registration will be limited to 4 participants. For more information, please contact Crystal Pacut, hESC Core Manager at cpacut@umich.edu or (734) 763-5557.

CFO Seminar Schedule Fall, 2008 and Winter, 2009

Seminars are held on Thursday afternoons at 4:00 PM and are held in the BSRB seminar rooms on the ground level (unless otherwise noted). Fall 08/Winter 09 lecture titles and more dates/speakers will be added soon. Mark your calendars.



Seminar Date	Speaker	Affiliation
9/18/08	T. Rajendra Kumar, Ph.D.	University of Kansas Medical Center, Department of Molecular & Integrative Physiology

10/2/08	David Rowitch, M.D., Ph.D.	UCSF, Division of Neonatology, Department of Pediatrics
10/30/08	Gail S. Prins, Ph.D.	University of Illinois @ Chicago, Departments of Urology, Physiology and Biophysics
11/6/08	Michael A. Dyer, Ph.D.	University of Tennessee College of Medicine, St. Jude Children's Research Hospital
12/4/08	Lothar Hennighausen, Ph.D.	NIDDK/NIH, Laboratory of Genetics and Physiology
1/29/09	Blanche Capel, Ph.D.	Duke University School of Medicine, Department of Cell Biology
2/19/09	Radwan Abu-Issa, Ph.D.	University of Michigan - Dearborn, Department of Natural Sciences
3/19/09	Jeffrey Molkenstin, Ph.D.	Cincinnati Children's Hospital Medical Center, Department of Molecular Cardiovascular Biology
4/16/09	Karen Lyons, Ph.D.	UCLA, Department of Molecular, Cell and Developmental Biology
4/23/09	Simon Hayward, Ph.D.	Vanderbilt University, Ingram Cancer Center, Department of Urologic Surgery and Cancer Biology

Center for Organogenesis

109 Zina Pitcher Place, Room 2043 Biomedical Science Research Bldg (BSRB)

University of Michigan, Ann Arbor, MI 48109-2200

Tel: (734) 936-2499; Fax: (734) 647-9559

URL: www.med.umich.edu/medschool/organo

Bio-Artography: www.Bioartography.com

Director: Deborah L. Gumucio, Ph.D., Professor, Cell & Developmental Biology

Co-Director: James Douglas Engel, Ph.D., Professor and Chair, Cell & Developmental Biology

Co-Director: Gregory Dressler, Ph.D., Professor, Pathology

Center Administrator: Rebecca Pintar