Please send submissions to: Jim Stewart | jstewart@msu.edu | 212 Biochemistry (Mailbox on 2nd floor)

**Road Closures Notice:** Please visit the updated interactive campus detour map link, [http://gis.msu.edu/detours/](http://gis.msu.edu/detours/), for further clarification on construction detour routes.

**New Publications**


**New Journal Cover**

*Stem Cells and Development Cover Art:* The June 1, 2015 cover and caption was provided by the Ralston Laboratory, Department of Biochemistry and Molecular Biology, Michigan State University. Their manuscript (Blij et al., pp. 1352–1365) examines functional differences among multiple mouse pluripotent stem cell lines, including embryonic stem cells (ESCs), induced pluripotent stem cells (iPSCs), embryonal carcinoma cells (ECCs), and epiblast stem cells (EpiSC). The Ralston Lab reports that the developmental competence to form trophoblast stem cells (TSCs), in response to overexpression of the transcription factor CDX2, is a property of naïve pluripotent stem cell lines, and is progressively lost as cells advance to more primed pluripotent states.

**Seminar Calendar**

**Monday, June 8**

No Seminars

**Tuesday, June 9**

**GEDD Summer 2015 Seminar:** Senem Aykul (Martinez-Hackert lab) and Peter Dornbos (LaPres lab)
12 Noon, Room 208 Biochemistry

*Eat at State Food Lunch Green Truck:* 11:30 AM - 2 PM in Lot 46 north of Food Safety and Toxicology and the Horticulture Gardens

**Wednesday, June 10**

**Genetics Ph.D. Program Mini-symposium:** "Lipids and Disease in Animals and Plants" 9:00 AM – 6:00 PM, Room 471, Law College Building

**Thursday, June 11**

**Doctoral Dissertation Defense:** Timothy Carey (Mentor: Dr. Jason Knott) "Elucidation of BRG1-dependent mechanisms that govern pluripotency gene expression in embryonic stem cells and the trophoblast lineage" 1:00 PM, Room 208 Biochemistry

**Beal Garden Tours: Weeds You Can Eat, and NOT:** Join assistant curator Peter Carrington for a tour of the weeds we commonly see (and try to remove) but that could also be a welcome addition to the diet, in taste, nutrition and for being free everywhere. This tour meets at the shed by the pond at the Beal Botanical Garden. 12:10 – 12:50 PM *Price: Free*

**MSU Bakers Stand,** located by The Rock, will be open each Thursday from 9:30 AM – 3:00 PM until October 29th.

**Organic Farm Stand,** open each Thursday from 11:00 AM – 5:30 PM located just south of the Red Cedar River and north of North Shaw Lane, across from Erickson Hall. The Organic Farm Stand will be open through October 31.
Post Doc Job Posting

The Center for Craniofacial Research at the School of Dentistry, University of Texas at Houston is seeking a motivated postdoc to work on the role of transcription factors in craniofacial development and disorders. The postdoc will be responsible to conduct research activities, support and lead lab projects, report and write manuscripts for publications, and also directly work with students in the lab under the direction of the PI. The postdoc will perform lab experiments and in vivo studies using mice as an animal model to study the role of transcription factors and signaling molecules in face and jaw development. We also use ex-vivo mandibular organ and human cell lines to perform biochemical and molecular assays to test biological hypotheses that will allow us to understand the mechanism of action of gene regulation and protein activities.

This position is available for one year with the possibility of extension based upon the funding situation. A PhD degree in biochemistry, molecular biology, molecular genetics or other relevant basic sciences is required. Knowledge in human genetics is preferential but not necessary. A postdoc experience of 0-2 years is preferential.

Please contact Dr. Walid Fakhouri, Walid.D.Fakhouri@uth.tmc.edu, at School of Dentistry for more information about the position.