Cool Stuff from the Literature

- Discovery of fossils in Ethiopia appear to be from early human species dating back to 2.5-2.8 million years ago. There was previously a gap in the fossil record between hominoids 2 million years ago (think Lucy) and primates existing 3 million years ago. This recent discovery may help solve the so-called missing link in human evolution.

  - “Fossil pushes back human origins 400,000 years” (read more)
  - “Early Homo at 2.8 Ma from Ledi-Geraru, Afar, Ethiopia” (read more)
  - “Late Pliocene fossiliferous sedimentary record and the environmental context of early Homo from Afar, Ethiopia” (read more)

- Believe it or not, air quality in Southern California has significantly improved since the passage of the Clean Air Act in 1970. In a recent study, decreased air pollutants in five communities around LA correlated with improved lung function in children. These data illustrate nicely how environment can influence both development and disease. (read more)

- The amazing diversity of cell types and tissues within the human body develops from the same genomic DNA in each cell type. Recently published analysis of massive gene expression datasets identify which sets of genes are turned on (or off) in specific order to give rise to different cell populations. (read more)

Division of Neonatology Happenings

- March 2, 2015 - Lars Bode, PhD presented at the Gordon Research Conference "Glycobiology: Glycans as mediators of interactions between molecules, cells and organisms" in Lucca, Italy.
- February 2015 - Jose Honold, MD had a new publication released in the Journal of Pediatrics entitled “A Randomized Clinical Trial of Therapeutic Hypothermia Mode during Transport for Neonatal Encephalopathy”.

Upcoming Seminars and Conferences

Thursday, March 12, 2015 (4:00pm)—“A Brief History of Noncoding RNAs: From Ribozymes to Epigenetic IncRNAs” by Thomas R. Cech, Ph.D. (University of Colorado, Boulder), Xiang-Dong Fu, Location: Marilyn G. Farquhar Seminar Rm

Friday, March 13, 2015 (8:30am)—“The Functional Anatomy of the CF Airway” by Steven Rowe, MD, MSPH (University of Alabama, Birmingham, Children’s Hospital of Alabama), Grand Rounds, Location: RCHSD MOB Rm 113

Find out about more seminars here

Grant Announcements & Funding Opportunities

Little Giraffe Foundations 2015 NICU Support Grants & Research Initiative

- Support grants in the amount of $50-$1000 are offered to help NICUs make the experience of having a child in the NICU easier. (more details)
- Research grants in the amount of $5000-$10000 are offered for research directed at addressing both the long term and immediate health needs caused by premature birth. (more details)

Deadline 5/15/2015

For more on division research, seminars, workshops, and funding opportunities, Please visit here.

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