Postdoc Position Available

Department of Pediatrics
The University of Texas Medical School at Houston
Houston, TX

Postdoctoral positions are immediately available to study (1) how growth factor signaling regulates proper craniofacial skeletal development and (2) how altered growth factor signaling leads to develop the heterotopic ossification in humans. We are trying to understand the interplay of BMP, FGF, WNT and SHH signaling for determining the skeletogenic cell fate in both neural crest cells and pluripotent stem cells. We will employ multiple approaches including mouse genetics, sophisticated imaging techniques as well as human patient-derived iPS cell’s approaches to define the molecular etiology for both craniofacial skeletal defects and heterotopic bone formation.

Applicants with a Ph.D., D.D.S./Ph.D., M.D./Ph.D. or equivalent and a strong background on Developmental Biology, Cell Biology, Molecular Biology and/or Stem Cell Biology are highly encouraged to apply.

Please send your CV, cover letter indicating current and future research interests, and the name/email address of three references to:

Yoshihiro Komatsu, Ph.D.
Department of Pediatrics
The University of Texas Medical School at Houston
6431 Fannin St, Houston, TX 77030
Email: Yoshihiro.Komatsu@uth.tmc.edu