

POST-DOCTORAL FELLOW POSITION AVAILABLE  
Pluripotent Stem Cells, Cartilage Development and Disease

We are looking for an outstanding, highly motivated postdoctoral fellow to join our innovative young department in the stem cell and regenerative medicine-focused laboratory of **Dr. April Craft, Assistant Professor of Orthopaedic Surgery at Boston Children's Hospital and Harvard Medical School**. Our lab studies the development of musculoskeletal tissues, primarily cartilage, using human and mouse embryonic (ESCs) and induced pluripotent stem cells (iPSCs) as a model system. Available projects in the lab range from basic developmental biology to translational research. We are interested in applying our knowledge of how to generate cartilage tissues from pluripotent stem cells to further understand how genetic mutations cause skeletal dysplasias in patients, particularly those for which animal models do not exist. We have also recently identified a panel of molecular markers that may help to define progenitor cells that are best suited for cartilage regeneration and repair.

A strong background in one of the following fields is required: pluripotent stem cell biology, basic developmental biology, or musculoskeletal/cartilage development, homeostasis or disease. Candidates with hands on experience using pluripotent stem cells will be given preferential consideration. The successful candidate will have a recently acquired PhD or MD-PhD, a minimum of 3 years laboratory experience including tissue culture, and at least one first author publication. The candidate must be a US citizen or permanent resident, and must possess excellent communication & writing skills in English. Members of the Craft lab participate in seminar series and other events within the Harvard Stem Cell and Regenerative Biology Program, Boston Children's Hospital Orthopaedic Research Laboratories, Harvard Stem Cell Institute, and Harvard Medical School.

Applicants should email a CV, contact information for three referees and a cover letter describing their background and research interests to [april.craft@childrens.harvard.edu](mailto:april.craft@childrens.harvard.edu).