Children's Hospital of Philadelphia

Postdoctoral Position in Genetic Regulation of the Skeleton

A postdoctoral fellow position is available in the Lefebvre laboratory in the Translational Research Program in Pediatric Orthopaedics at the Children's Hospital of Philadelphia (CHOP) Abramson Research Institute.

The fellow will carry out a project focused on elucidating transcriptional mechanisms differentially driving articular and growth-plate chondrocyte differentiation and activity. The fellow will use cutting-edge approaches in vivo and in vitro, including mouse genetic models and next-generation sequencing. Successful accomplishment of the project is anticipated to provide a better understanding of skeleton malformation and degenerative diseases, including chondrodysplasias and osteoarthritis, and to help develop novel therapeutic approaches for these diseases. Furthermore, it is anticipated to help the fellow to launch a promising career as an independent research investigator in translational research in the skeletal field or a related field.

Strong candidates for this position will have obtained a Ph.D. degree in biological science in the last three years, will have a solid publication record as first author in top-tier scientific journals, and will be eager to pursue training and contribute to pioneering research in skeletal biology, stem cell biology, mouse models and high-throughput sequencing approaches. They will demonstrate proficiency in written and spoken English and in communicating scientific research findings accurately and efficiently. They will also have first-rate interpersonal and organizational skills.

The CHOP Abramson Research Institute offers an exceptionally interactive and front-line scientific environment with state-of-the-art research core facilities and with multiple career-development programs for trainees. It recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives, and backgrounds. Competitive salaries are provided along with excellent fringe benefits.

Candidates should send their curriculum vitae, a description of research interests and career goals, and contact information for three or more Faculty-level references to Dr. Véronique Lefebvre (lefebvrev1@chop.edu).