

PhD position in Stem Cell Biology & Development Laboratory

The research unit "Stem Cell Biology and Development" at de Duve Institute in Université catholique de Louvain, Brussels, is searching for a highly motivated graduate student interested in studying the crosstalk of signaling pathways in regulation of hair follicle stem cells and skin tumorigenesis. The details of research and relevant publications are posted on the official website: <http://www.deduveinstitute.be/skin-stem-cells>

The successful candidate will be enrolled as a full-time PhD student during four years at Université catholique de Louvain starting from October 2017 (could be earlier), and will conduct a PhD thesis under the supervision of Prof. Wen-Hui Lien.

Project description:

Skin epidermal stem cells that can self-renew and differentiate provide the unlimited source of cells required for long-term tissue morphogenesis, homeostasis, and injury repair. The behavior of stem cells is fine-tuned by the microenvironmental cues and their responsive intracellular signaling regulation. The aim of the thesis is to study signaling pathways and their underlying mechanisms to understand how hair follicle stem cells are regulated, and how these pathways cross-interact to each other in stem cells and/or with neighboring cells.

Applicants:

1. Must have a master degree in Biological Sciences or related fields
2. Have basic knowledge of molecular and cellular biology
3. Have hand-on experiences with *in vitro* and cell culture system
4. Preferentially have hand-on experiences with *in vivo* mouse models
5. Candidates should be highly proficient in spoken and written English

Contact information:

Candidates please send your curriculum vitae and a statement of research interests before June 30th, 2017 to: wen-hui.lien@uclouvain.be. If application is selected for further consideration, two reference letters and a face-to-face interview in person or by Skype will be requested.

Prof. Wen-Hui Lien, Group leader
SCBD unit, de Duve Institute
Université catholique de Louvain
Avenue Hippocrate 74, Box B1.74.09
1200 Brussels
Phone: +32-2-764-7458