PhD position in Stem Cell Biology & Development Laboratory

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

The successful candidate will be enrolled as a full-time PhD student during four years at Université catholique de Louvain starting from October 2014, and will conduct a PhD thesis under the supervision of Dr. Wen-Hui Lien.

Project description:
Skin epithelial 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 of how hair follicle stem cells are regulated, and how these pathways cross-talk to each other in stem cells and/or with neighboring cells.

Applicants:
1. Should have a master degree in Life Sciences, Biology, Biochemistry or related fields.
2. Have basic knowledge of molecular and cellular biology, and have hand-on experiences with in vitro and/or cell culture system; and preferentially in vivo models (e.g. mouse model or other organisms).
3. Candidates should be proficient in spoken and written English.

Contact information:
Candidates please send your curriculum vitae, a statement of research interests and at least two reference letters before May 20th, 2014 to: wen-hui.lien@uclouvain.be

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