

**PhD positions  
on EPIGENETICS/CANCER  
(Brussels, Belgium)  
November 2024**

**Job description**

Positions are available for a highly motivated PhD student who wish to join the Laboratory of Cancer Epigenetics headed by Prof. **François Fuks** (ULB-Free University of Brussels, Belgium).

You are expected to conduct cancer research in epigenetics and epigenomics. Specifically, you will investigate the mechanisms and functions of novel epigenetic modifications, which our lab recently investigated (e.g. Delatte et al., *Science* **2016**, Jeschke et al. *Nat Cancer* **2021**, Ma et al. *Mol Cell* **2023**.....). Genetic, biochemical, biological and genome-wide approaches (e.g. RNA-Seq, ChIP-Seq, Infinium Methylation) will be applied. The lab runs a Next-Gen Sequencing platform, and is part of the ULB-Cancer Research Center (*U-CRC*), providing a high profile scientific environment. **Starting date is flexible.**

**Profile**

PhD candidates should have completed a Master course (i.e. M.Sc. 120 credits or equivalent) in Biology, Genetics, Biochemistry or related subjects. This position is funded for 4 years.

**How to apply?**

- Screening of applications begins immediately and continues until outstanding candidates are selected. (Online interviews are possible for candidates outside Belgium).
- Informal inquiries, a CV (including grades and ranking for PhD candidates), a motivation letter and names of at least two referees, should be sent to: rdeplus@ulb.be

Lab website: <http://fukslab.ulb.be/>

**Selected publications**

- Ma et al., *Mol Cell*, 2023
- Bizet et al., *Epigenetics*, 2022
- Primac et al., *Curr Opin Genet Dev*. 2022
- Penning et al. *Nat Rev Mol Cell Biol*. 2022
- Jeschke et al. *Nat Cancer*. 2021
- De Dieuleveult et al., *Epigenetics*. 2021
- Lan et al., *Nat Comm*. 2020
- Bonvin E. et al., *Cancer Res*. 2019
- Collignon E. et al., *Science Adv*. 2018
- Jeschke J. et al., *J Clin Invest*. 2017
- Van Grembergen O. et al., *Science Adv*. 2016
- Delatte B. et al., *Science* 2016