

The Laboratory for RNA Cancer Biology (LRCB) (<https://gbiomed.kuleuven.be/english/research/50488876/54502087>) is seeking a Postdoc to join the lab after summer, to dissect the role of lncRNAs in cancer biology. We are a young and dynamic group hosted by KU Leuven (<https://www.kuleuven.be/english/>), the most innovative university in Europe according to Reuters.

If you are strongly motivated and deeply interested in RNA and Cancer Biology, this is the right place for you!

The lab uses cutting edge molecular biology and biochemistry techniques coupled to *in vivo* PDX studies to dissect the role of lncRNAs in adaptive responses to cancer drugs. Since the candidate will be actively involved in the supervision of PhD students, preference will be accorded to candidates with previous expertise in the field of RNA and/or mitochondrial molecular biology.

## Profile

- PhD degree in Biomedical Sciences, Bioengineering, Biochemistry, or Biology.
- Experience in RNA and/or mitochondrial molecular biology and related techniques.
- Experience with *in vivo* mouse models (preferred).
- Project and people management skills.
- Excellent writing and reporting skills.
- Good publication record.
- Bioinformatics skills are a plus.
- Fluency in written and spoken English is required.
- Passion for research and motivation to work on innovative and ambitious projects in an open, dynamic research team.
- Ambitious but with strong Ethics, determined and with problem-solving attitude.
- Ability to work and think independently.

If interested please send your CV (max 3 pages) and motivation letter including the contact details of two European referees to [eleonora.leucci@kuleuven.be](mailto:eleonora.leucci@kuleuven.be)

## References:

1. Vendramin R, Verheyden Y, Ishikawa H, Goedert L, [...], Leucci E. SAMMSON fosters cancer cell fitness by enhancing concertedly mitochondrial and cytosolic translation. **Nature Structural and Molecular biology**. 2018 Nov;25(11):1035-1046.
2. Leucci E. Cancer development and therapy resistance: spotlights on the dark side of the genome. **Pharmacol Ther**. 2018 Sep;189:22-30.
3. Vendramin R, Marine JC, Leucci E. Non-coding RNAs: the dark side of nuclear-mitochondrial communication. **EMBO J**. 2017 Mar 17. pii: e201695546. doi: 10.15252/embj.201695546. [Epub ahead of print] Review.
4. Leucci E, Vendramin R, [...], Marine JC. Melanoma addiction to the long non-coding RNA SAMMSON. **Nature**. 2016 Mar 24;531(7595):518-22. doi:10.1038/nature17161. 40.137 31.



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