

A funded **Postdoc** position is available from **May 2022** in the **Tumor Microenvironment Lab** at **Institut Curie-Orsay** (INSERM U1021, CNRS UMR3347, University Paris-Saclay), in **Paris-Orsay** in the fields of **glioblastoma, neurosurgery, cell plasticity and microenvironment**.

### Profile and main duties

**Outstanding Postdocs** with interest and experience in **brain tumors**. This ERC-funded project will give you the opportunity to extensively use ***in vivo* experimental models** and learn/develop **intravital microscopy** (FELASA authorization to work with mice is desirable). These studies will be supplemented with *in vitro* and *ex vivo* models. Ideal candidates will have the ability to **independently design, execute and troubleshoot experiments**. **Team player attitude, independence and problem-solving skills** are expected.

### The institute and the lab

The **Institut Curie Research Center** (<https://institut-curie.org/profil/researchers>) is a world-class multidisciplinary organization created in 1909 by Nobel Laureate Marie Curie bringing together France's largest center in cancer research and a model hospital group dedicated entirely to the care of cancer patients. The institute is ranked in the top 1% by International Science Index. The scientists of Institut Curie laboratories have access to state-of-art core facilities (<https://institut-curie.org/page/platforms>).

The **Tumor Microenvironment Lab** mainly works on resistance mechanisms in glioblastoma. Glioblastoma is the most deadly type of human cancer. Recurrence is supposedly mostly caused by the regrowth of highly invasive cells spreading from the tumor bulk, which are not removed by resection. To develop therapeutic approaches, we need to better understand the underlying molecular mechanism of resistance to therapy and tumor spreading in glioblastoma.

The PI of the lab is **Dr. Giorgio Seano**, fresh of a 6-year postdoc experience at Harvard Medical School. After publishing the results from his postdoc (**Cancer Cell, 2018** and **Nature Biomed Eng, 2019**), he opened a new laboratory at Institut Curie in Jan 2018. The ATIP-labeled lab is now supported by ERC, ARC, INSERM/CNRS and Institut National du Cancer.

- <https://institut-curie.org/team/seano>
- <https://scholar.google.it/citations?user=tElni9sAAAAJ&hl=it&oi=ao>

### Job offer

There are several unique features of this job opportunity:

1. Working with an enthusiastic Junior Group Leader and an already-setup laboratory in the outstanding environment of Institut Curie and covered by a long-term European grant (ERC).
2. Institut Curie offers access to state-of-the-art infrastructure and a competitive salary.
3. The lab has the goal of publishing good and comprehensive papers in high impact journals.
4. Basic science approaches to address clinically relevant issues in collaboration with clinician.
5. There is a deep appreciation of academic, clinics and industry.
6. An international-friendly English-speaking laboratory.

Cover letter, CV and references contacts may be directed to [seanolab.curie@gmail.com](mailto:seanolab.curie@gmail.com).

