

## Looking for a candidate to apply for a Postdoctoral Fellowship to join the Thyroid Cancer Genetics and Biology Laboratory at Gustave Roussy

We are looking for a candidate to apply for a postdoctoral fellowship from the [Fondation pour la Recherche Médicale](#) (FRM) to join the Thyroid Cancer Genetics and Biology laboratory at the Institut Gustave Roussy in Paris, France. We are seeking a recent PhD graduate interested in joining our group to spearhead a new and exciting project in thyroid cancer biology. The selected candidate is expected to submit their application to the FRM's *Aides Individuelles 2025 – Stage Postdoctoral en France*, with **closing date on May 22, 2025**. We will support the candidate to assemble the scientific part of their application.

### Hosting laboratory

The **Thyroid Cancer Genetics and Biology Laboratory**, led by Iñigo Landa, PhD, at Gustave Roussy is affiliated with INSERM UMR981 and the IHU-PRISM. We explore **fundamental and translational aspects of thyroid cancers**, with a particular focus on advanced forms of the disease. The lab employs various techniques using human samples, cell systems, and animal models. We are based at the vibrant **cancer campus at Gustave Roussy**, the leading cancer center in Europe, located in Villejuif, Grand Paris, within a 15-minute subway ride to central Paris. We enjoy collaborative science, interactions with researchers and physicians, rigorous, high-quality scientific outputs and a healthy work-life balance.

### Scientific project

The selected candidate will work on a new project aimed at **understanding the biological and clinical consequences of chromosome 9p21.3 deletions in anaplastic thyroid cancer** (ATC) pathogenesis. The project encompasses the generation of experimental *in vivo* models of the disease, employing CRISPR-based technology developed by [Dr. Francisco Barriga lab](#) from the Vall d'Hebron Institute of Oncology in Barcelona, with whom we have established a collaboration. In addition, the candidate will have access to samples from ATC patients, as the ultimate goal of this project is to refine current treatment strategies for this fatal disease, including immunotherapies, and to provide preclinical basis to device novel therapeutic approaches. Upon onboarding, the selected candidate will have opportunities to get involved in other related projects.

*[References: Landa and Cabanillas, Nat Rev Endocrinol 2024; Barriga et al, Nat Cancer 2022]*

### Required qualifications and application process

Prospective candidates should have:

- **A PhD** in Molecular Biology or a related discipline obtained (or expected to be obtained) between **April 1, 2024 and December 31, 2025**.
- A strong interest in cancer genetics and biology, expertise in molecular biology techniques.
- The ability to work both independently and in collaborative settings.
- At least **one first-author** original publication, excluding reviews, from their thesis work.
- Willingness to **submit their FRM postdoctoral application** by May 22, 2025.

If interested, please send **your CV**, half-page **cover letter** and contact details for **2-3 referees** to [Inigo.LANDA@gustaveroussy.fr](mailto:Inigo.LANDA@gustaveroussy.fr).