

Job description

- Postdoc Scientist at the Cancer Research Center of Lyon (CRCL), France
- 2 years fixed contract funded by IPSEN (not subjected to the Sauvadet rule)
- Anticipated start: first semester 2016

We are currently looking for a postdoctoral researcher to join the “Activin Tumor Signaling” group, part of the Signaling, metabolism and tumor progression team headed by Ruth Rimokh/Germain Gillet at the Cancer Research Center of Lyon (CRCL, France; <http://www.crcl.fr>). This team, being part of the CRCL, will provide an excellent research environment including core facilities, support services as well as an international stimulating environment.

Our group aims at understanding the roles of the TGF β -related family of Activin ligands and their signaling in Cancer initiation and aggressiveness through the study of tumor microenvironment. The 2-years funded position will aim at pursuing the work our group has been developing on Activin-signaling. The successful candidate will investigate the paracrine interactions that exist in the microenvironment of neuroendocrine pituitary tumors through: *i*) the characterization of a rat mammothroph tumor model (SMtTW3) and *ii*) the molecular & cellular analysis of a number of aggressive human pituitary tumors obtained from Prof. G. Raverot who is part of our team.

Desired skills and experience

Candidates must have a PhD degree in Immunology, Cancer Biology, Cell/Molecular Biology or related field, in addition to the appropriate experience and track record. A good knowledge of tissue culture, basic molecular and cellular biology approaches and immunological techniques, such as flow cytometry, is required. Experience in cancer research and *in vivo* immunology would be advantageous. Please note that candidates with a strong background in Mouse/Human immunophenotyping will be privileged.

Flexibility and autonomy will be key points for the recruitment regarding the challenge of working with fresh tumor resection as well as managing the *in vivo* rat and mouse studies.

Recruited candidate will be responsible of the following tasks:

- Organization of the experimental timings.
- Realization of the experimentation (FACs, Confocal Imaging, ...).
- Preparing project-progression reports in English (2 meetings per month).
- Supervision of the Technical support provided by our team.

The candidate should be self-motivated and driven with good communication skills and ability to interact effectively and work productively in a team. A high level of English, spoken and written, is a requirement.

Application process

The application must contain the following documents in English:

- 1 Curriculum vitae, including thesis title and date of defense
- 2 A list of publications
- 3 Letter of motivation (~1 page), explaining research interests an expertise

Application documents should be sent to: Philippe.Bertolino@inserm.fr