Post-doc position

We are seeking a highly motivated postdoctoral scientist for developing original approaches combining bioinformatics and experimental cell biology aimed at uncovering novel insights in the molecular basis of brain cancer cell behavior. The position is funded for an initial period of 2 years and available from October 2021.

The position is open in the team *Glial plasticity and neuro-oncology.* The team is interested in understanding the molecular mechanisms that underlie brain cancer cell adaptation to spatiotemporal changes in their environment. Studies are based on a multidisciplinary approach combining metabolomics, epigenomics and transcriptomics, as well as in vitro, in silico, ex vivo and in vivo models. All projects are funded by public agencies and charity foundations. Further insight into the type of work carried out may be obtained in the team's latest publications: Acta Neuropathologica 2017, 2018 (PMC5348560, PMC5773658), EMBO Molecular Medicine 2016 (PMC5130115), Acta Neuropathologica Communications 2019 (PMC6796454).

Position Highlights:
- Up-to-date technical environment combining molecular & cell biology, biochemistry, *in vitro* and *in vivo* imaging, animal facilities and a large panel of in vitro, ex vivo and in vivo models of human brain tumors.
- Dynamic and bilingual scientific environment provided by the inter-disciplinary institute IBPS located in Sorbonne University campus in the center of Paris next to the riverbanks.
- Work within a collaborative network with expertise in neuroscience, oncology, cell biology, bioinformatics, microfluidics and physics to acquire innovative basic knowledge that can be translated into efficient therapies

The Ideal Candidate will have:
- Experience in cell and molecular biology
- Knowledge of high dimensional biological data analysis, including experience in R programming and / or Python
- Ability to work independently as well as collaboratively
- Good communication and writing skills

Responsibilities:
- Design, perform experiments and analyze obtained data
- Present findings at international seminars
- Write manuscripts and participate to funding applications

Qualifications and requirements:
- Candidates must hold a Ph.D. and/or a M.D. degree.
- Applicants should have no more that one-year previous postdoctoral experience.

How to Apply:
Interested candidates should address to Dr. Marie-Pierre Junier (marie-pierre.junier@inserm.fr) and to Dr. Hervé Chneiweiss (herve.chneiweiss@inserm.fr):
1. A cover letter summarizing their scientific skills, training and accomplishments as well as their future goals,
2. A up-to-date CV,
3. Contact information for three references