



Postdoctoral position in the Laboratory of Bioimaging and Pathologies, Strasbourg, France.

A two years-funded postdoctoral position is available in the Laboratory of Bioimaging and Pathologies, UMR7021 CNRS, team “Tumoral signaling and therapeutic targets” from January 2019 to December 2020. Our aim is to understand the role of Extracellular Matrix Receptors (Integrins) in the resistance of therapies of solid tumors (in particular glioblastoma). Our laboratory is located on the Campus Illkirch, in a multidisciplinary environment, at the Faculty of Pharmacy of the University of Strasbourg. The Campus is only 5 km away from the Center of Strasbourg and easily accessible with public transportation. For more information on the lab please visit <http://www-lbp.unistra.fr/?lang=en>.

The project focuses on synthetic lethal partners able to alleviate resistance to integrin inhibitors in glioblastoma. In this project, we use genome-scale loss-of-function screens based on pooled CRISPR-Cas9 and RNA interference technologies together with large-scale coregulatory network reconstruction and strong preclinical validation protocols to determine the basis of tumor resistance to anti-integrin drugs. The project offers a variety of complementary approaches with the opportunity of initiating longer-term projects.

The project is funded by the Institut National du Cancer (INCA).

We are looking for a highly motivated and autonomous post-doctoral fellow with a good track record and a strong background in cell biology, molecular biology, tumoral signaling and preclinical *in vitro* and *in vivo* assays. She/he should have good communication skills and appreciate multi-team work.

For application, please contact Monique Dontenwill (monique.dontenwill@unistra.fr).

A cover Letter describing research accomplishments, a list of publications and two letters of recommendation will be appreciated.