



Job Offer – Research Engineer in Biology

Position Overview:

The **Institute of Genetics, Reproduction and Development (iGReD – CNRS 6293 / INSERM U1103 / Université Clermont Auvergne)**, located in the **Center for Clinical Biology and Research (CRBC)**, is recruiting a **Research**

Engineer to contribute to a **translational research project** investigating the effects of cold plasma on prostate tumors.

Grant Institut National du Cancer INCa – PLBIO Pepith

Research Project:

This project aims to assess the potential of cold plasma as a treatment for surgical margins during prostatectomies. Using preclinical models (PTENpc^{-/-} mice and orthotopic grafts in NSG mice), the research addresses two main objectives:

1. Characterize the in vivo effects of the treatment on tumor development, tissue remodeling, vascular dynamics, and microenvironmental response (stromal reorganization, immune infiltration, etc.).
2. Optimize the cold plasma treatment to define the best conditions for clinical application (exposure time, device design, combinatory treatments, etc.).

Main Responsibilities:

- Perform in vivo experiments (handling of mouse models)
- Conduct histology and immunohistochemistry techniques
- Perform molecular biology experiments (Western blot, qPCR, etc.)
- (Optional) Participate in cell culture experiments
- Analyze results and contribute to scientific reports

Candidate Profile:

- Engineering degree or Master's degree in biology, biotechnology, or related field
- Certified in animal experimentation (Level 1)
- Solid skills in histology, immunohistochemistry, and molecular biology
- Experience in cell culture is a plus
- English level: B1/B2

Personal Qualities:

- Independent and proactive
- Team-oriented
- Open-minded and scientifically curious

Contract Details:

- Fixed-term contract: 16 to 18 months
- Start date: **October November 2025**
- Location: Clermont-Ferrand, France

How to Apply:

You are interested by this position, we are waiting for you !

Please send your **CV and cover letter** to the following address: : silvere.baron@uca.fr

More informations ? visit our website <https://www.igred.fr/>

