

## R&D ENGINEER

**Apmonia Therapeutics** is a biotechnology company developing a first-in-class pipeline of next-generation peptide-based therapies targeting extracellular matrix components. Its most advanced technology is an antagonist being selective for TSP-1:CD47 interaction, namely TAX2 peptide, which exhibits anticancer activities in several indications and is currently under preclinical development.

On the other hand, the TSP-1:CD47 axis is an interesting pharmacological target for controlling platelet activation in prothrombotic diseases, and Apmonia Therapeutics is concomitantly developing innovative antithrombotic drug candidate

Apmonia Therapeutics is participating in the collaborative **THROMBOTAX program funded by the French National Research Agency (ANR)**, which involves leading academic teams: [UMR CNRS 7369 MEDyC](#) (Prof. S. Dedieu as PI), specialized in the study of extracellular matrix remodeling in diseases, and [INSERM UMRS 1116](#) (Dr. V. Regnault), highly recognized in the field of thrombin-vessel wall interaction.

In this context, Apmonia Therapeutics is looking for a skilled and motivated candidate for a position of **Research & Development Engineer**.

The R&D engineer will work in close interaction with the R&D team and company management, as well as with academic partners. Under the responsibility of the R&D Director, he/she will ensure the ***preclinical validation of innovative antithrombotic therapies in relevant animal models***.

### Responsibilities

- Design and implement new experimental mouse models
- Provide technical leadership in preclinical models of thrombosis and evaluation of anti-thrombotic drug candidates
- Conduct experiments, analyze data and interpret results, draw conclusions, and propose new integrated experimental plan matching project needs
- Prepare study protocols, WIs, SOPs, and reports in line with regulatory requirements
- Keep clear and accurate records of experiments in laboratory notebooks. Ensure traceability of data and samples
- Maintain knowledge of literature and bring independent judgment

### **Qualifications and Desirable knowledge, skills and abilities**

- Hold a **PhD in life sciences** (cell biology, molecular biology or immunology) with a background in **thrombotic disease** or **vascular biology**
- Extensive theoretical knowledge and hands-on experience with animal experimentation, **A University degree on animal experimentation** is an essential prerequisite
- Broad experience with Multicolor flow cytometry, Immunohistology, Microscopy and data analysis software is required
- Excellent oral communication skills for synthetically and concisely presenting generated results
- Excellent oral and written communication skills in English
- Highly motivated, proactive with excellent team spirit
- Autonomous, flexible, and responsive
- Appreciates lab work in a dynamic and evolving environment
- Strong organizational, interpersonal, and time-management skills

### ***Ideally, you also have experience with some of the following***

- Preclinical models of thrombosis (classical model, atherothrombosis model, ...) and humanized mouse models
- *In vivo* pharmacological studies (PK, Tox)
- *In vivo* proof-of-concept and MoA studies
- Project Management
- Knowledge in immunology and inflammation

### **Miscellaneous**

Job located in Reims (France)

**Start Date:** February 2022

We offer a 2-year **fixed-term** (CDD) contract and a competitive salary with benefits.

Please send CV, publication track record, motivation letter and names of referee(s) to [contact@apmonia-therapeutics.com](mailto:contact@apmonia-therapeutics.com)