

**EA3878 – GETBO****Pr Francis Couturaud**

francis.couturaud@chu-brest.fr

22, rue Camille Desmoulins

UFR Médecine

29238 Brest

Catherine Lemarié

Tél. +33 (0)2 98 01 69 56

[catherine.lemarie@inserm.fr](mailto:catherine.lemarie@inserm.fr)

@CatLemarie

<https://www.univ-brest.fr/getbo>

RE: Post-doctoral position

The “Immuno-thrombosis” team is looking for a postdoctoral fellow to lead a 2-year research project on the role of B lymphocytes in venous thrombosis funded by the “Département du Finistère”. The project includes molecular and cellular studies of the immune system in the context of venous thromboembolism.

The main interest of the lab, lead by Pr Francis Couturaud, is to investigate the pathophysiological mechanisms involved in venous thromboembolism. Venous thromboembolism (VTE) is the third leading cause of cardiovascular death after myocardial infarction and stroke. When VTE occurs in the absence of major transient risk factor or cancer, the risk of recurrence after stopping anticoagulant therapy is high. Identifying risk factors of recurrent VTE remains a major issue in order to select low-risk patients in whom anticoagulation should not be extended and high-risk patients who require indefinite anticoagulation.

Our group has an internationally recognize expertise in epidemiological studies of venous thromboembolism. The group publishes in high impact factor journals in the field of venous thrombosis research. In addition, we have developed a research program to study how inflammation and the immune system are contributing the VTE recurrence. We recently demonstrated that pro-inflammatory monocytes and NK cells promote primary venous thrombosis (Laurance et al. ATVB 2017; Bertin et al. J Thromb Haemost 2019). We are now investigating how the immune system might be involved in VTE recurrence using state-of-the-art techniques and models.

We are looking for a self-motivated hard working candidate with a strong background in molecular and cellular biology. Comprehensive experience in animal models, PCR, western blot, flow cytometry and microscopy would be an advantage. The selected candidate will be responsible for her/his project and will be expected to draft manuscript for peer-review journals. The postdoc will also be encouraged to independently design and carrying out experiments. Preference will be given to international applicant.

To apply candidates should submit a cover letter including a concise statement of past and future research interest and a detailed CV to [catherine.lemarie@inserm.fr](mailto:catherine.lemarie@inserm.fr).

