



**Frédéric BECQ**

Laboratoire PRéTI Physiopathologie et Régulation des Transports Ioniques

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## Postdoctoral position to study rare variants of CFTR chloride channels available (France)

A postdoctoral position will be available in the laboratory Physiopathologie & Regulation of Ionic Transports (PRéTI laboratory, University of Poitiers, Poitiers, France) as part of a large scientific project with collaborators in Lille, Paris & Montpellier.

**Starting date :** spring 2023

**Duration :** 24 months plus extension 12 months

**The postdoctoral fellow** will performed Ussing chamber experiments and patch-clamp experiments (WCR and single channel) to study the effect of novel small molecule correctors of rare pathological variants of CFTR channels. Our research group is dedicated to the search of novel pharmacological agents of therapeutic interest in the context of the genetic disease Cystic Fibrosis. Our group has a strong expertise, know-how and knowledge of the pharmacology and structure of CFTR channels.

**Our laboratory** has also all facilities for patch clamping, cellular electrophysiology (Ussing chambers), cellular and molecular physiology and biology, biochemistry, confocal imaging and more.

**Applicant** with experience after his/her PhD must have an expertise in at least one electrophysiological technique (Short-circuit recording, WCR and/or single cell patchclamp). Send your CV (with a short description of research experience, list of publication and recommendation letters) to Prof Frédéric BECQ ([frederic.becq@univ-poitiers.fr](mailto:frederic.becq@univ-poitiers.fr)).

**Life in Poitiers:** Poitiers is located between Bordeaux and Paris. Easy and rapid access via the TGV train (1h20 min from Paris Montparnasse). Flight to London every week. Life in Poitiers is easy and lively due to the presence of more than 25000 students and many social and cultural activities. Living here is cool and far less costly than in large cities.