

POSTDOCTORAL RESEARCHER

A French National research agency (ANR) funding for 30 months post-doctoral position is available in the team Orofacial pathologies of Prof. Catherine Chaussain located in the INSERM U1333 Oral Health at Université Paris Cité (www.u-paris.fr). The research team aims to better understand the pathophysiology of rare disorders affecting the orofacial region and develop novel perspectives in their treatments. The postdoctoral project is particularly interested in studying the molecular, genetic, pathophysiological mechanisms of Familial Hypocalciuric Hypercalcemia (FHH, ORPHA:405), a genetically heterogeneous autosomal dominant disorder that causes hypercalcemia, normal or elevated parathyroid hormone concentrations, and low urinary calcium excretion. Using advanced omics technologies and molecular biology techniques, this project aims to uncover the molecular pathways involved in FHH pathogenesis, with a focus on amelogenesis in mouse models of FHH, which is required to ultimately develop new therapies to patients.

Required skills: Expertise in molecular biology, biochemistry and histology, preferably with a focus on the biology of mineralized tissues. Expertise in animal facilities and mouse experiments. Desired skills in omics. A demonstrated ability to work independently, be dynamic, communicate and work effectively with the team and internal and external collaborators, critically evaluate data and carry out statistical analysis, independently write research papers and publish in international peer reviewed journals. Proficiency in English at a high level. The candidate must be rigorous, organized and work methodically and critically. The candidate must be interested in technological development and translational research. The candidate must also be able to supervise and train students working with him/her on the project.

Type of contract and annual salary: 30-month full time fixed-term contract starting between October 2025-December 2025 and salary depending on experience.

Applications in English including a cover letter (maximum 2 pages), a detailed CV with publications list and references should be sent to Prof. Catherine Chaussain (catherine.chaussain@u-paris.fr)