

Post-doctoral fellow:

PIEZO1 AND ARTERIAL MECHANOTRANSDUCTION VASCULAR PHYSIOLOGY/ATHEROSCLEROSIS/ ION CHANNELS/CALCIUM IMAGING/ELECTROPHYSIOLOGY

Our laboratory uses a multidisciplinary approach including molecular biology, proteomic profiling, electrophysiology, calcium imaging, and genetic manipulation to investigate the molecular physiology and pharmacology of stretch-activated ion channels.

A post-doctoral position is currently available for a collaborative project (co-PI: Dr. Ardem Patapoutian, The Scripps Research Institute, La Jolla, CA, USA) about the role of Piezo 1 in cellular mechanotransduction, with a focus on atherosclerosis. A position is available (starting summer 2022) for a period of three years. Candidates should have a keen interest in integrating and understanding ion channels biophysical properties and physiology. A previous experience in either vascular or ion channel fields would be appreciated.

Our laboratory is part of the CNRS Institute of Molecular and Cellular Pharmacology located in the City of Nice-Sophia Antipolis (South East of France). This is a leading centre in the research of ion channels with state of the art equipment. The city of Nice offers an international dynamic cultural experience combined with a magnificent scenery and easy access to air travel.

Interested candidates should e-mail a letter of application, including a CV and the names and addresses of at least two referees to:

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