

is looking for his future director

University level	MD / PhD / MD-PhD, with a PhD supervisor accreditation (HDR).
Domain	In vivo live imaging research, experimental
Specialty	PET / MRI / Ultrasound / Hybrid and multimodal imaging
Position	Future director of the laboratory
Laboratory	In vivo Imaging research team, Paris Cardiovascular Research Center. U970 – PARCC Team 2. 56 rue Leblanc, 75015 Paris, France
Missions	<ul style="list-style-type: none">• Run a research team of ca. 20, involving MDs, PhDs, engineers and students.• Coordinate and supervise current preclinical and translational imaging research programs and propose new directions.• Participate in clinical imaging programs of Georges Pompidou European hospital• Encourage, support and develop collaborations inside and outside PARCC• Develop International collaborations through French and EU grant agencies
Present (2024) Lab Equipment and Research Activities	<ul style="list-style-type: none">• Preclinical Equipment : The team runs 8 preclinical imaging instruments: a 4.7T/40 Bruker MRI with cryoprobe, a Mediso Nanoscan PET/CT, 3 ultrafast ultrasound (preclinical & clinical Supersonic Imagine Aixplorer, Verasonics Vantage 256), Visualsonics, Biospace PhotonImager.• Clinical equipment accessible through hospital collaborations: 1.4 and 7 T MRIS, X-ray double energy scanner, 6-ring GE PET-CT, interventional radiology, standard and ultrafast ultrasounds, etc.• In 2018 our lab released PETRUS, the first concurrent hybrid PET/CTUltrafast ultrasound for preclinical studies, patented and now in clinical development.• The lab is partner of H2020 RETIMAGER for next generation unsurpassed spatial and temporal resolution PET scanners, and of Physics for cancer program in tumor optoacoustics.• Main preclinical research focuses on imaging the links between vascularization and metabolism using animal models to explore angiogenesis in tumors and cardiomyopathies cardio oncology• Strong collaborations in radiotracer development, Machine learning and Artificial intelligence, imaging of tissue repair, and cardiac MRI.
Knowledge and know how	<ul style="list-style-type: none">• Excellent track record in imaging research of international level• Lab management and mentoring skills• Strong organizational skills, autonomy and scientific ambition• Interpersonal skills, capacity to integrate into a multidisciplinary research center
Previous work experience	<ul style="list-style-type: none">• Experience in mentoring; successful grant applications; development of original research.
Conditions	<ul style="list-style-type: none">• Bertrand Tavitian, the present lab director, will retire in the next years. The transition will be handled temporarily by the head of the nuclear medicine Dept. This position is to second him before taking over as lab director.
Apply to	Bertrand TAVITIAN, bertrand.tavitian@inserm.fr +33 1 53 98 80 54 cell +33 7 81 06 68 46