

## MESSIDORE<sup>1</sup> 2024 Call for proposals

### Projects selected for funding

Project leader	Title	Acronym	PI's laboratory
Jean-François Aubry	Adaptative transcranial ultrasound stimulation: design, acoustic calibration and regulatory file	Adapt	<i>Institut Physique pour la Médecine ; Inserm U1273, ESPCI Paris, PSL University, CNRS UMR 8063 ; Paris</i>
Guido Caluori	Metabolic nanosensors to detect and monitor the signature of atrial fibrillation	MONDRIAN	<i>IHU Liryc - INSERM U1045 - Centre de Recherche Cardiothoracique de Bordeaux</i>
Pierre Croisille	An integrated pipeline powered by Artificial Intelligence for the exploitation of cardiac contrast-enhanced imaging health data warehouses with living meta-analysis for myocardial injury prognosis	INTELLIGENCIA	<i>Centre de Recherche en Acquisition et Traitement de l'Image pour la Santé (CREATIS) ; INSA Lyon</i>
Yohann Foucher	Clinical trials Augmented with Real-world data	CAIR	<i>CIC Inserm 1402, Equipe SCALE-EPI (methodS in ClinCAL rEsearch and EPIdemiology); Poitiers</i>
Denis Gallot	Identification of new maternal serum biomarkers associated with chorioamnionitis after preterm premature rupture of foetal membranes using a targeted proteomic approach	PROTEOCHORIO	<i>Service d'obstétrique, CHU Clermont-Ferrand</i>

<sup>1</sup> MESSIDORE : Methodology for Innovative Clinical Trials, Devices, Tools and Research using Health Data and Biobanks

<b>Lejla Imamovic</b>	Identifying Biomarkers of Liver Disease in Common Variable Immunodeficiency	<b>BIOLIV</b>	<i>Centre for Immunology and Microbial Infections ; Service d'Immunopathologie clinique, Hôpital Saint-Louis ; Paris</i>
<b>Marie-Odile Krebs</b>	Analyzing developmental trajectories to predict the evolution of psychiatric disorders	<b>TRAJECTOME</b>	<i>Equipe Physiopathologie des troubles psychiatriques émergents - UMR_S 1266 ; Institut de Psychiatrie et Neurosciences ; Paris</i>
<b>Nolwenn Le Meur</b>	Artificial intelligence for fair prediction of adverse outcomes following revascularization of for lower limb peripheral arterial disease using French health information systems	<b>AI-PAD</b>	<i>Laboratoire ARENES UMR CNRS 6051 - ERL RSMS INSERM U1309, EHESP ; Rennes</i>
<b>Edi Prifti</b>	Efficient Deep Learning Approaches for the Rapid and Interpretable Detection of Deadly Arrhythmias in ECG Data	<b>ELDORA</b>	<i>UMMISCO - Unité de Modélisation Mathématique et Informatique des Systèmes Complexes, IRD ; Paris</i>
<b>Antoine Roux</b>	imProving LUng Transplant Outcome	<b>PLUTO</b>	<i>Service de pneumologie / transplantation, Hôpital Foch ; Suresnes</i>
<b>Claire Tinel</b>	MUltidimensioNal Investigation oF mICrovascular Inflammation without antiHLA antibodies in kidnEy transplANTation	<b>MUNIFICIENT</b>	<i>UMR RIGHT (Etablissement Français du sang, Inserm UMR1098) ; Service de néphrologie, CHU Dijon</i>
<b>Nicolas Vince</b>	Neurogenetics and multi-omics of neuroinflammatory diseases in multiplex families to improve patients health	<b>NeuroDIP</b>	<i>Center for Research in Transplantation and Translational Immunology (CR2TI, Inserm UMR 1064), CHU Nantes</i>