

## MESSIDORE<sup>1</sup> 2025 Call

### Projects selected for funding

| Project leader                   | Title                                                                                                                                                                      | Acronym          | PI's laboratory                                                                                                             |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Ariane BERDAL</b>             | Oral handicap of the Enamel-Renal Syndrome: from the pathophysiological paradigm amendment to the interception of this malformative process                                | <b>UnlockERS</b> | <i>Equipe « Bases physiopathologiques des dysplasies squelettiques » - Institut des maladies génériques IMAGINE ; Paris</i> |
| <b>Pierre BUFFET</b>             | Ravidasvir, a very safe antiviral repurposed as an antimalarial to control parasite resistance and to block transmission to mosquitoes: a proof-of-concept trial in France | <b>RAMP-IT</b>   | <i>Unité de recherche clinique, Hôpital Necker-Enfants Malades et AGEPS - AP-HP ; Paris</i>                                 |
| <b>Pascal DEMOLY</b>             | Improving AI algorithm predicting allergy diagnosis and severity based on a dataset of multiplex specific IgE profile                                                      | <b>PRODIGE</b>   | <i>UA 11 UMR Université de Montpellier-Inserm - Institut Desbrest d'Epidémiologie et de Santé Publique ; Montpellier</i>    |
| <b>Youenn DROUET</b>             | Target trial emulation using electronic health records                                                                                                                     | <b>TRANSLATE</b> | <i>Unité de Prévention et Epidémiologie Génétique - Centre Léon Bérard ; Lyon</i>                                           |
| <b>Leslie GRAMMATICO-GUILLON</b> | Monitoring Of Real-life implantable Device Condition and User Safety                                                                                                       | <b>MORDICUS</b>  | <i>Laboratoire MAVIVHe (Morphogenèse et Antigénicité du VIH et des virus des hépatites) - Inserm U1259 ; CHU de Tours</i>   |

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

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| <b>Christine LASSET</b>        | Investigation of genetic modifiers of cancer risk in Lynch syndrome from the national OFELY registry                                                                       | <b>MARILYN</b>   | <i>CNRS UMR 5558 - Laboratoire Biologie Biométrie Evolutive ; Université Claude Bernard Lyon 1</i>                                                      |
| <b>François LECOQUIERRE</b>    | Comprehensive genome and methylome analysis with long-read HiFi sequencing to enhance the diagnosis of rare developmental disorders (Long Read in Developmental Disorders) | <b>LR2D</b>      | <i>Laboratoire de génétique moléculaire - CHU de Rouen</i>                                                                                              |
| <b>Camille LE RAY</b>          | Study of the sub-optimal use of health Prevention and Promotion Measures during Gestation based on the matched ENP2021-SNDS database                                       | <b>PPG-2021</b>  | <i>Inserm 1153, équipe OPPaLE (Obstetric, Perinatal, Paediatric Life Course Epidemiology) – Université Paris Cité</i>                                   |
| <b>Anne-Louise LEUTENEGGER</b> | Exploiting genomic data from a large national sequencing repository to improve diagnosis of patients with microcephaly                                                     | <b>MICROC</b>    | <i>Equipe « Biostatistique en grande dimension pour la sécurité des médicaments et la génomique » - UMR1018 CESP - Hôpital Paul Brousse ; Villejuif</i> |
| <b>Wassilios MEISSNER</b>      | Combining clinical and biological markers to optimize stratification and personalized prediction of multiple system atrophy progression                                    | <b>MSAPROG</b>   | <i>Centre de référence Maladies rares, Atrophie multisystématisée - Institut de médecine intégrative et complémentaire ; CHU de Bordeaux</i>            |
| <b>Naïm OULDALI</b>            | Preventing pneumococcal infections in children through nirsevimab                                                                                                          | <b>PREVENIR</b>  | <i>Equipe EPIC, Unité de recherche IAME (Infection Antimicrobials Modelling Evolution) - Inserm UMR 1137 ; Université Paris Cité</i>                    |
| <b>Guillaume PIESSEN</b>       | Optimizing therapeutic strategies for oligometastatic oesogastric adenocarcinomas: from translational research to personalized medicine                                    | <b>OLIGOPTIM</b> | <i>Département de chirurgie digestive et oncologique - CHU de Lille</i>                                                                                 |

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| <b>Antoine ROQUILLY</b> | Infrastructure development of a perpetual platform trial for rapid evaluation of the best treatment for Severe Hospital-Acquired Pneumonia – the SHAPe-ID project     | <b>SHAPe-ID</b>      | <i>Unité d'investigation clinique 9 - Inserm CIC 1413 ;<br/>CHU de Nantes</i>                                              |
| <b>Laure ROUCH</b>      | Leveraging longitudinal monitoring of human aging to construct machine learning-based multi-omics biological clocks of intrinsic capacity and organ function dynamics | <b>INSPIRE-OMICS</b> | <i>IHU HealthAge - CERPOP UMR 1295, Centre<br/>d'Epidémiologie et de Recherche en Santé des<br/>Populations ; Toulouse</i> |