

We are looking for 2 talented and motivated post-docs willing to work in the field of tissue engineering within an international and industry-oriented INSERM Laboratory. The two positions are available in Paris for at least 2 years to work in TBMED and iLiTE projects.

TBMED is a H2020 project funded by the European Commission from January 2019 for 4 years. TBMED is a testing bed for the development of Class IIb medical devices. TBMED consists of 13 partners from Spain, France, Ireland and Germany (1 Industry and 2 SMEs developers of 4 different medical devices used as case studies; 5 RTD institutions experts in the development of medical devices; 1 SME expert in QbD methodology; 2 RTD Institutions with access to a hospital network with experience in regulation, health technology assessment and clinical investigation design and testing; 2 consultancy SMEs on business plan development, IPR management and communication activities). Our team is strongly involved in the design and characterization of an osteoinductive membrane made of polysaccharides for dental application and its validation until the clinical trial.

iLiTE (innovations in Liver Tissue Engineering) is a large French RHU project (University Hospital Health Research) funded by the “Future Investments Program”. The RHU program supports translational projects involving academic research, hospitals and industrial partners. iLiTE brings together teams with expertise in medicine, biology, physical sciences and engineering in order to encourage the creation of bioengineered organs. Our team is strongly involved in several key actions: Construction of biliary duct network (WP3); In vitro construction of a vascular network (WP4); Integration of liver organoids into vascular and/or biliary networks and scale-up (WP5); Safety/GMP/Industrialization (WP8).

LVTS, Inserm U1148, University Paris Diderot and University Paris 13, is a research structure of 230 persons headed by D Letourneur. LVTS (<https://lvts.fr/>) develops pluri/interdisciplinary and translational research for applications in diagnostic and therapy. For this purpose, LVTS possess an integrative environment with skills in chemistry (bio-engineering), biology (genetics, immunology, hemostasis, cell/molecular biology), and clinical investigations (clinical epidemiology, imaging, clinical trials). LVTS is a highly reputed research centre that has produced in the last five years more than 1500 international publications (more than 5 per week; more than 10% with IF>10), 21 patents and 3 start-ups creation, 3 European-FP7 projects, one ERC 2017, 3 H2020, 5 RHU 2016, 2 transatlantic Leducq grants, and dozens of industrial contracts and medical foundation grants. LVTS has 53 ongoing PhDs, 12 post-docs and more than 40 internships each year. Within the 6 teams that constitute LVTS, candidates will integrate the Bio-Engineering team, headed by D Letourneur. This team is recognized for its expertise in polymer chemistry, polysaccharides and glycoconjugates, vascular biology, molecular imaging, biomaterials and tissue engineering.

Please send your applications to : Didier Letourneur ([Didier.letourneur@inserm.fr](mailto:Didier.letourneur@inserm.fr)) & Teresa Simon-Yarza ([Teresa.simon-yarza@inserm.fr](mailto:Teresa.simon-yarza@inserm.fr)).