

Experienced Researcher (PhD), Intestines-on-Chips

Porto, Portugal

Job Description

Biofabrics is seeking a highly motivated and committed experienced researcher who wants to develop his/her research in an industrial environment and with a strong interest in design of tissue/organ models, bioreactors and biofabrication. In particular, the experienced researcher will be involved in the project "Fish-AI - Developing an Artificial Intestine for the sustainable farming of healthy fish". The project intends to develop an intestine-on-chip device which will allow to study and optimize the nutrition of fish in aquaculture. This 4 year-long, 3 Million euro European project involves 5 other academic and industrial consortium partners, namely:

- Universita Degli Studi Di Milano (Italy) - Coordinator
- Israel Oceanographic and Limnological Research Limited (Israel)
- Universiteit Gent (Belgium)
- Norwegian University of Life Sciences (Norway)
- Skretting Aquaculture Research Centre AS (Norway)

You will be involved in:

- Research and development activities
- Coordinating and supporting administrative tasks for project management and project-related meetings
- Drafting briefing notes, reports, articles and research materials

Requirements

The ideal candidate for this position:

- Has a doctoral degree in biomedical sciences, biomaterials engineering or related field
- Is skilled in employing and developing technologies and techniques such as dynamic cell/tissue culture, development/processing of biocompatible gels, biomaterials and scaffolds as well as 3D printing/bioprinting
- Is able to drive collaborations across multiple organizations and carry out communication of research activities through presentations at informal and formal meetings, reports, research articles and conference presentations
- Has an excellent track record, demonstrated through meaningful research publications and/or relevant professional experience
- Is available for short travels to consortium meetings and/or conferences

- Is a reliable and effective worker
- Is self-motivated, can excel in both unsupervised solo projects and in tight teamwork contexts
- Has a growth mindset and learns quickly
- Is a creative and critical thinker

Benefits

- Full-time contract with competitive salary, according to experience and expertise
- The position will be based at our Porto facilities, located at UPTEC, within University of Porto's Asprela campus)
- Immersion into a vibrant startup and academic community

About Biofabics

Biofabics is an R&D company specialized in 3D Biotissue analogues, providing next-generation solutions for studying, mimicking, repairing and replacing living tissues and organs. In particular Biofabics develops: truly 3D customizable organ-on-chip devices for drug discovery and personalized diagnostic/treatment; body-like environments for study of cells and tissues in in vivo-like states; tailor-made implants and bioreactors for research and implantation. Biofabics provides R&D services to companies and labs around the world who are looking to employ novel, more accurate, and more reliable tissue/organ models in their own research activities.

Application process

- Applications should consist of a full curriculum vitae as well as a one-page cover letter describing briefly how you meet the criteria indicated above and outlining your interest in and vision for the role.
- Applications shall be filed via e-mail to info@biofabics.com by February 7th, 2019. When sending your application, please include in the email subject "Application for Experienced Researcher, Intestines-on-Chips".
- Selected candidates will be invited for an interview
- The final selected candidate is expected to start on April 1st, 2019