Organs-On-A-Chip Developer

REVIVO BioSystems is an innovative and customers-oriented company aiming to become the leading provider of enabling technologies and services for ex vivo and in vitro testing of chemicals, ingredients, cosmetic formulations and therapeutics. Our goal is to deliver products and services with unmatched quality, consistency, reproducibility, and ease-of-use. We are on a fast growing trajectory and are looking to expand our organization to further support the company's expansion, and build more opportunities to make the world a more sustainable and ethical place.

We are looking for an enthusiastic and results driven individual, as our "Organs-on-a-Chip Developer". This is a crucial role for the development and commercialization of REVIVO BioSystems' organ-on-a-chip (OoaC) devices.

The Organs-on-a-Chip Developer is responsible for the design, development, prototyping, characterization and optimization of REVIVO BioSystems' current and future microfluidic devices, and for their integration with the ReleGO™ platform.

The ideal person in this role combines strong microfluidic design and development skills with hands-on experience with cell cultures. She/he will work closely with the company's R&D and Service team to implement design optimizations according to biological and usability related specifications.

The Organs-on-a-Chip Developer also plays a leading practical role in building the supply chain for our REVIVO BioSystems' microfluidic devices and setup components and maintaining an appropriate inventory, as well in providing technical support to the clients.

She/he will be a key enabler for the scale up of our microfluidic devices by collaborating with technical and manufacturing specialists and contractors in view of the product launches.

As such, the Organs-on-a-Chip Developer must have a clear knowledge of microfluidic techniques, and stay up to date with microfluidic components and equipment, maintain an updated overview of the organs-on-a-chip competitive landscape and should put forward ideas for improvement of REVIVO's devices and contribute to new IP.

The person in this role is an important figure in the organization to accelerate the commercialization and launch of our products, and support the development of new OoC products and applications.

MINIMUM REQUIREMENTS – EDUCATION AND EXPERIENCE

- Master's Degree in Engineering, preferably in Biomedical Engineering or Bioengineering
- Minimum 4 years' experience as Microfluidics Engineer and with OoaC technology

- Experience with the development of microfluidic systems, OoaC devices and fast prototyping techniques (experience with thermoplastic-based prototyping is a plus)
- Experience with mammalian cell cultures (experience with 3D cell culture is a plus)
- Knowledge of microfluidics theory and characterization techniques
- Be comfortable & proficient using prototyping equipment
- Proficiency with CAD programmes (e.g. AutoCAD, SolidWorks, etc.) and FEM simulators
- Technical writing of documentation regarding experimental setups, protocols and assays
- Knowledge in project Management in biomedical field
- Experience with programming and data analysis (Matlab, Office package, coding languages such as Python or C++ is an advantage)
- Detail and result oriented and flexible to the needs of dynamic laboratory environments
- Analytical thinker who can manage priorities, problem-solve and manage multiple tasks
- Creative and innovative thinking skills
- Strong written and verbal communication skills
- Work well within a team