



Maastricht, October 2022

Vacancy: Senior Application Specialist – Microfluidics

Are you an enthusiastic bioengineer with experience in the fabrication of microfluidic devices and their application for culturing cells? Would you like to work in an international, small-scale environment with large societal impact? Then we have an interesting job for you at [ReGEN Biomedical](#).

ReGEN Biomedical is a startup company that aims to revolutionize the manufacturing of large numbers of high quality functional micro-tissues for drug testing and regenerative medicine therapies. Would you like to help us achieve this goal?

We are looking for:

As the Senior Application Specialist - Microfluidics, you will be responsible for introducing microfluidics over diverse specialized cell culture surfaces, including those with micro-wells for forming micro-tissues. In this role, your tasks will include:

- Fabrication of microfluidic devices compatible with automated cell seeding and perfusion
- Optimization of assembly and sealing of microfluidic flow channels on diverse cell culture surfaces
- Testing various coatings of cell culture surfaces
- Working with our tissue culture and automation application specialists to introduce the desired tissue types and process the devices in an automated assembly respectively

We ask for:

We are looking for an independent and collaborative researcher with the following skills and experiences.

- PhD or comparable work experience
- Experience of fabricating microfluidic devices using a variety of techniques, e.g. soft lithography, micro-milling, additive manufacturing, thermoforming, injection molding
- More than 2 years of hands-on experience with culturing cells in microfluidic devices
- Experience with various biomaterials and surface treatment/ coating modalities would be beneficial

In addition, the candidates should essentially fulfill the following general criteria:

- Structured approach, attention for details
- Organizational skills, hands-on mentality
- Result-oriented, strong analytical and problem-solving skills
- Good reporting skills – experience with electronic lab notebooks preferred
- Ability to collaborate with multidisciplinary team members – experience of working in collaborative, multidisciplinary projects preferred
- Fluency in English language
- Excellent communication, written and interpersonal skills. Experience in sharing results, issues, and progress with multidisciplinary teams and presenting research to diverse audiences preferred
- Working drive and initiative for research and curiosity to stay updated with the latest advances in the field
- Available for 38 hours (1 FTE) per week on site in Maastricht.

NOTE: we encourage applications from interested candidates even if they do not fulfil every requirement or are at a lower experience level.

We offer

A challenging position with great responsibility in an environment that is constantly changing, a pleasant working atmosphere and an open culture. The position is versatile, offers plenty of opportunities for further development and provides the opportunity to put your own stamp on it. The position is based in Maastricht. If suitability is demonstrated, an appropriate salary will be offered for the position, depending on education and experience. The secondary employment conditions are excellent. The appointment is initially for the period of one year, with a view to permanent employment.



For more information about this role, you can contact Dr. Ravi Sinha (r.sinha@regenbiomedical.com or 0031 (0)6 38570526).

Apply

To apply, please send your CV and cover letter to career@regenbiomedical.com

This position is open till January 2, 2023. Interviews will be scheduled as soon as we receive a few suitable applications, so please apply immediately.

About us

[ReGEN Biomedical](#) is a startup company with a small and talented team, that is building a production location for human tissue in Maastricht. It focuses on growing large quantities of robust and reproducible small tissue pieces (micro-tissues) for toxicity & pharma screening. Functional micro-tissues represent the next step in mimicking patient organs and represent the future of personalized medicine.

We are building expertise on how to assemble the micro-tissues into functional pieces of human organs, the so-called macro-tissues. The micro-tissues also serve as building blocks for RM therapies and will be assembled into functional macro-tissues.

[Sharing this opportunity in your network would be appreciated!](#)