



Maastricht, December 2024

Vacancy: Application Specialist – Stem Cell Differentiation

Are you an experienced stem cell technician or researcher with interest in the field of regenerative medicine? 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](https://www.regenbiomedical.com).

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 Application Specialist – Stem Cell Differentiation, you will be responsible for performing stem cell differentiations and supporting/ troubleshooting various biological experiments and quality control activities. We are looking for someone with several years of experience with stem cell differentiation and a wide range of biological analytical techniques. In this role, your tasks will include:

- Stem cell culture and differentiation for specific projects.
- Training and supporting/ troubleshooting for other team members with stem cell culture and differentiation work and various biological processing and analytical techniques.
- Ensuring proper documentation of all experiments.
- Occasional weekend work to support cell cultures (with flexibility during weekdays, upon discussion).

We ask for:

We are looking for an independent and collaborative stem cell technician or researcher with the following skills and experiences.

- More than 4 years of hands-on working experience, preferably including industrial experience, with stem cell (iPSC, ESC, MSC) culture and differentiation.
- Hands-on experience with and strong theoretical understanding of a wide range of biological processing and analytical techniques including immunostaining, microscopy, flow cytometry, protein and nucleic acid quantification techniques, tissue sectioning, quantifying biological entities in bioprinted constructs containing biomaterials, FACS, MACS, cryopreservation using controlled rate freezing.
- Experience in and background knowledge of one or more of the following tissues is a strong plus: cartilage, liver, early development stage models, vascular tissue, cardiac tissue.
- Hands-on experience with process development is a strong plus.

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

- Available to support a few hours in the weekend, with compensation during the week (open for discussion)
- 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
- Good communication skills – experience of sharing results, issues, and progress with multidisciplinary teams and presenting research to diverse audiences preferred
- Available for 38 hours (1 FTE) per week on site in Maastricht.



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.

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 31st January, 2025, or until the position is filled. Interviews will be scheduled as soon as we receive a few suitable applications, so please apply immediately. Please note that due to the December holidays, confirmation emails will be sent after this period.

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!](#)