



Senior scientist in target validation and drug discovery

River BioMedics is a drug discovery start-up company based in Enschede, The Netherlands, focused on cardiac disease. We develop and use novel 3D cardiac models to validate new targets in cardiac disease and to progress our drug discovery pipeline in the search for new therapies.

Target validation is a key step in drug discovery that, in the River BioMedics approach, requires, significant knowhow in the manipulation of gene expression, and subsequent effects on protein levels.

This is an exciting opportunity for a goal-driven individual with extensive experience in the manipulation of gene expression, preferably through viral transduction or CRISPR-Cas9, cell culture and biomolecular techniques including q-PCR and western blot.

The senior scientist will be supervising a team of junior scientists with a variety of specializations (engineering, tissue engineering and molecular biology) therefore experience managing a small research team would be a distinct advantage. The role will directly report to the company CSO, who set up and validated the in-house models and has experience in the techniques required from the applicant.

Together with your knowledge and expertise we have the potential for ground-breaking developments delivering novel validated targets and new drugs for cardiac disease. We are offering an incredibly interesting position with the opportunity to make an impact on the life of patients suffering from heart disease.

Your key responsibilities will include:

- Lead a team of junior researchers with diverse expertise.
- Develop a plan of action and experiments with and for this team to ensure River BioMedics reaches its goals.
- Perform key experimental work in the lab.
- Provide clear guidance to all team members, and support them where needed to reach the optimal outcome.
- Setup and provide analytical methods.
- Align with CSO on requirements for the end deliverables.

Education, Skills and Experience

- PhD in Biology/molecular sciences or equivalent work experience
- Management experience, preferred but not essential
- Postdoc or commercial experience, preferred but not essential.
- Clear track-record with proven ability to implement innovative techniques, and in designing and setting up ground-breaking experiments
- Deep understanding of gene expression and gene expression manipulation techniques.
- Expertise in biomolecular techniques such as q-PCR, western blot, etc.
- Experience in stem cell biology and differentiation is preferred but not essential.

Who are you

- An intelligent and determined person with a hands-on attitude.
- Team player with a creative approach to problem solving
- Structured and conscientious, able to plan and make sure everyone gets direction

What can River BioMedics Offer

- An industry competitive package
- Opportunity to grow and learn in a small company environment
- Close connection with academic projects.
- Work environment embedded in academic environment with active social programme.