

Vacancy Scientist Biochemistry & Drug Discovery

TropiQ Health Sciences is looking for a **Scientist Biochemistry & Drug Discovery** to strengthen our Biochemistry team. You will conduct scientific research into small molecule screening against protein targets to uncover novel anti-malarial compounds.

TropiQ Health Sciences is an innovative biotech company dedicated to accelerating the discovery and development of interventions against vector-borne infectious diseases, with a special focus on diseases affecting low- and middle-income countries. Our work spans from fundamental research to high-throughput malaria lifecycle fingerprint assays, offering you the opportunity to make a real difference in global health.

Your role:

As a Scientist Biochemistry & Drug Discovery, you will play a key role in identifying novel anti-malarial compounds through small molecule screening against protein targets. You will combine your scientific expertise with a hands-on approach in the laboratory to set up and execute active and future drug discovery projects. You will be responsible for guiding a project through all phases of drug discovery among which: target selection, set up of experimental work plan for assay development, high throughput screening, hit validation and SAR studies. We seek an independent, analytical, and collaborative scientist who is keen to apply their biochemistry expertise into meaningful scientific research.

Key responsibilities:

- Design experimental work, including protein constructs and novel biochemical assays (based on literature and your own expertise).
- Conduct laboratory work such as recombinant protein expression, assay development, and compound screening.
- Translate findings from literature and experimental data into new research directions.
- Analyze data and prepare reports or presentations for internal and external partners.
- Collaborate with scientists and research associates to achieve project goals, refine protocols, and overcome scientific challenges.
- Contribute to the continuous development of TropiQ's assay portfolio.
- Ensure compliance with laboratory safety and quality standards.
- Participate in occasional weekend work (approximately once every six weeks, for 1-2 hours).

The ideal candidate:

- Holds a PhD in Biochemistry, Chemical Biology, Molecular Biology, or a related field.
- Has hands-on experience with recombinant protein expression using different expression systems, (biochemical) assay development, and/or small molecule screening/drug discovery.
- Has affinity with related fields such as cell biology, computational biology, machine learning, medicinal chemistry, or lab automation (preferred).

- Has solid knowledge on enzyme kinetics
- Is a strong team player with excellent communication skills.
- Possesses outstanding analytical and problem-solving abilities.
- Brings a flexible and creative mindset.
- Is eligible to work in the Netherlands.

We offer:

- A contract for 32–36 hours per week for 12 months, with the prospect of extension after a positive evaluation.
- A full-time gross salary between €3598 – €5669 per month depending on experience.
- A pension scheme, partially paid parental leave, and an end-of-year bonus.
- A collaborative, dynamic, and supportive work environment.
- The chance to contribute to cutting-edge research with a global health impact.
- Room for personal initiative and professional growth into a more senior position

Join Us:

If you're ready to bring your passion for science, decisiveness, and flexibility to a role that truly matters, we would love to hear from you!

Please send your resume, including contact details of two referees, and a cover letter explaining your **experience** and **motivation** to w.bronkhorst@tropiq.nl. TropIQ Health Sciences is committed to fostering a diverse and inclusive workplace and encourages applications from all qualified candidates.