

Vacancy for a postdoctoral researcher / scientist in tick-borne disease research

TropiQ Health Sciences is looking for a postdoctoral researcher to join our team of scientists focused on the discovery of new interventions for vector-borne infectious diseases. The postdoc will support TropiQ's research on tick-borne disease, with a focus on Lyme disease. The fellow will establish tick models for identification of novel acaricides on their ability to interrupt transmission of *Borrelia*. The fellowship has an initial duration of 2 years.

Qualifications and experience

- PhD, preferably in vector biology
- Interest/ experience in drug discovery
- Excellent communication skills in English
- Evidence of collaborative research
- Creative, flexible and entrepreneurial personality
- Eligible for working in the Netherlands

Tasks and responsibilities

The project aims at establishment of a novel research pipeline focussed on discovery of drugs that block transmission of tick-borne disease and *Borrelia* in particular. The fellow will use *Anopheles* mosquitoes as a sentinel organism in a high throughput screen of a chemical library to identify compounds with cidal activity. To test their activity against ticks, the fellow will establish artificial membrane feeding assays and evaluate dose and time dependent killing effects. In addition, the fellow will set up membrane-feeding technology to study transmission of *Borrelia*. The fellow will be responsible for design and execution of the experimental work and reporting of project progress both internally as well as to external partners.

Who we are:

TropiQ aims at creating better opportunities for people by improving their health. It provides enabling technology for the elimination of infectious diseases. The company performs fee-for-service research for third parties and runs a proprietary drug discovery program. TropiQ is located at the NovioTech high-tech campus in Nijmegen, The Netherlands, and was founded in 2011 as a spin-off of the Radboud University Nijmegen Medical Center.

What we offer:

The position provides a challenging opportunity to become active in the battle against infectious diseases as part of an enthusiastic team of scientists. The versatile nature of the project and the multidisciplinary setup of the project provide an excellent basis for widening research skill sets and broadening the scientific horizon. We offer a contract for 2 years at a competitive salary.

How to apply?

Please send your application letter and curriculum vitae in English to the address below by electronic mail. Please submit your application before September 30th 2021.

More information and contact

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