**Post-doc RNA Biology**

**Faculty of Science - Swammerdam Institute for Life Sciences (SILS)**

Publication date

27 January 2015

Educational level

PhD

Salary indication

€2,997 to €4,551 gross per month (Post-doc scale 10/11)

Closing date

24 February 2015

Working hours

32 to 38 hours per week

Vacancy number

15-022

The [Swammerdam Institute for Life Sciences (SILS)](http://sils.uva.nl/) is one of the [Faculty of Science’s](http://www.uva.nl/en/about-the-uva/organisation/faculties/faculties/faculties/content/folder/faculteit-der-natuurwetenschappen-wiskunde-en-informatica/faculty-of-science.html) largest institutes. Its approximately 250 scientists and staff members work in 15 research groups that perform excellent research centered on three themes: Cell & Systems Biology; Neurosciences, and Molecular Life Sciences.

The [RNA Biology & Applied Bioinformatics](http://www.rnabiology.nl/) (RB&AB) research group at SILS is tightly associated with the established [MAD: Dutch Genomics Service & Support Provider](http://www.dutchgenomics.nl/), as well as with the new [Green Student Lab](http://www.greenstudentlab.nl/). The RB&AB/MAD has a long-standing expertise in advanced transcriptomics analysis. Next to the well-established microarray technology, we have our own next-generation sequencing platform (IonProton). Also the required ICT infrastructure and bioinformatics environment has been set-up. With an enthusiastic multidisciplinary team of 17 specialists we aim to understand transcriptome dynamics plus the role of RNA as a carrier of genetic information. As such, we have a keen interest in so-called ‘non-coding RNA’, ‘maternal RNA’, and ‘cell-free RNA’. In the Green Student Lab we educate students in collaboration with plant-breeding companies on their genomics and bioinformatics projects.

In the context of this challenging combination of research and education, we are seeking a Post-doc RNA Biology.

**Project Description**

The RB&AB/MAD offers a unique starting point for an exciting mixture of established and innovative genomics experimentation and RNA biology research for both our own research and that of students. The experiments concern fundamental transcriptome research on for instance the role of maternal RNA in (Zebrafish) embryogenesis, or transmission of genetic information via cell-free RNA in plant sap. The applied research independently done by students of the Green Student Lab is primarily based on project ideas from associated plant-breeding companies.

The post-doc will play a key role in the RB&AB RNA biology research and supervision of the Green Student Lab. He/she will be embedded in and supported by the whole RB&AB/MAD wet-lab and dry-lab team.

**Requirements**PhD in molecular biology;
Experience in omics research;
Interest in RNA biology;
Affinity with and experience in teaching;
Good communicative and organizational skills.

**Further Information**

For more detailed information regarding this position you are invited to contact:
Dr. Timo Breit, group leader MAD, RB&AB
e-mail: t.m.breit@uva.nl, telephone: + 31-(0)20-525 7058
Dr. Rob Dekker, RB&AB wet-lab
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**Appointment**

The appointment will be on a temporary basis for a period of two years. Based on a full-time appointment (38 hours per week) the gross monthly salary will range from €2,977 to €4,551 (scale 10 or 11) depending on expertise and previous experience. The Collective Employment Agreement of the Dutch Universities is applicable.

**Job Application**

To save paper and the environment, applications may only be submitted by e-mail. To process your application immediately, please quote the vacancy number 15-022 and the position you are applying for in the subject-line.

Applications must include a curriculum vitae, including a list of publications, and an (informal) letter of motivation, which should be grouped in one PDF attachment.

Applications will be accepted until 24 February 2015.

We regret that, due to restrictions in our recruitment budget, we are unable to consider candidates who are not resident in Europe at the time of application.

*No agencies please*