



iDiv

German Centre for Integrative
Biodiversity Research (iDiv)
Halle-Jena-Leipzig

External Job Advertisement Reg.-Nr. 4-8989/20-D

iDiv, the German Centre for Integrative Biodiversity Research Halle-Jena-Leipzig, invites applications to 6 postdoctoral researcher positions in its 5th flexpool call from fall 2020 onwards (*see overview in published flexpool general announcement*).

The Martin Luther University Halle-Wittenberg, in cooperation with iDiv Halle-Jena-Leipzig, offers the following position **at the earliest possible starting date** and *initially limited until 30 September 2021*:

Postdoctoral Researcher (m-f-d) on the flexpool project 1:

“Pathogen spillover among insect pollinator species: quantifying evolutionary processes to inform on viral adaptive potential”

as **full-time employment**, *planned for 2 years, an extension to the entire 2 years is dependent upon successful renewal of DFG funding for iDiv (evaluation in spring 2021)*.

The salary will be up to Entgeltgruppe 13 TV-L, if the personal requirements and tasks are fulfilled. The workplace will be Halle (Saale).

The project:

Pathogen spillover represents a serious threat to humans, domestic animals and plants as well as our biodiversity. Using honey bees and their viruses as a model system, we seek a highly motivated postdoc with skills in viral bioinformatics to explore the genetic underpinning of viral spillover. PIs are Robert Paxton (Uni. Halle, Germany), specializing in bee-virus experimental approaches, and Manja Marz (Uni. Jena, Germany), who heads the European Virus Bioinformatics Center based at Jena.

Tasks:

- Apply bioinformatics software to analyse RNAseq and other sequence datasets
- Generate ONT Minion datasets of viruses
- Develop novel bioinformatics pipelines to analyse and model viral evolutionary dynamics
- Writing and publishing scientific papers in peer-reviewed journals
- Presenting results at national and international conferences

Requirements:

- PhD or equivalent degree in a project-related field (e.g. virology, bioinformatics, evolutionary biology)
- Expertise and experience in viral bioinformatics
- Interest and ability in modelling viral evolution
- Excellent English communication skills (spoken and written)
- Team-oriented and strong organizational skills

The Martin Luther University Halle-Wittenberg gives priority to applications from severely disabled candidates with equivalent qualifications. Women are particularly encouraged to apply.

Queries concerning the application process should be directed to Mrs. Christa Genz (christa.genz@idiv.de), for project-related questions, please contact Professor Robert Paxton (robert.paxton@zoologie.uni-halle.de).

Submission deadline is 10th September 2020. Selected candidates will be invited to the online joint recruitment symposium on 28 September until 29 September 2020.

All applications should include:

- Cover letter in English describing motivation for the project, research interests and relevant experience
- complete curriculum vitae including names and contact details of at least two scientific references
- digital copy of master and PhD certificate or equivalent

Kindly send your application, quoting the **reference number 4-8989/20-D** via our application portal at <https://apply.idiv.de>. While we prefer applications via this portal, hard-copy applications may also be sent to: German Centre for Integrative Biodiversity Research – iDiv (Halle-Jena-Leipzig), Dr. Christa Genz, Deutscher Platz 5e, 04103 Leipzig.

The position is offered with reservation of possible budgetary restrictions. Application portfolios will not be returned, application costs will not be reimbursed.

iDiv is committed to establishing and maintaining a diverse and inclusive community that collectively supports and implements our mission to do great science. We will welcome, recruit, develop, and advance talented staff from diverse genders and backgrounds.