

Interested to do a Postdoc at the DKFZ? Get in touch with us!

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## Current opportunities for Bioinformaticians at the German Cancer Research Center

Name of DKFZ research division/group:  
**Molecular Neurobiology/A290**

Contact person: **Prof. Ana Martin-Villalba, Tel. 06221 423766, a.martin-villalba@dkfz.de**

Group homepage: <https://www.dkfz.de/en/neurobiologie-von-gehirntumoren/index.php>

Please visit our web page for further information on our research and recent publications.

### RESEARCH PROFILE AND PROJECT TOPICS:

*If you're interested in this project please get in touch with the respective contact person.*

The position is part of the ERC consolidator grant REBUILD CNS, which aims at increasing the potential of endogenous adult stem cells to repair the diseased brain. Analysis of single cell sequencing data from this project will be used to trace the cells' history (clonal analysis) and to unravel fundamental questions of stem cells isolated from healthy or injured brain. The successful candidate's tasks will comprise the development, testing and application of computational tools, and will involve programming. Applying statistical methods and acquiring knowledge in stem cell biology and regenerative medicine. The close interaction between a computational lab and a neurobiology lab, provides a unique opportunity for a scientist interested in interdisciplinary work and lateral thinking.

The ideal candidate should be highly motivated and have experience in at least one of the following areas:

- A degree in a quantitative subject such as bioinformatics, statistics, computer science, physics, genomics or a related field
- Experience in at least one programming language (R, Python, Perl, JACA, C/C++)
- Experience in working on Linux systems
- Experience in next generation sequencing data analysis is desired, but not required

Researchers from all disciplines aiming at attaining a PhD, with a recently completed PhD or who are about to finish their PhD are welcome to apply. Postdoctoral candidates are expected to have a published record of achievements that would enable them to successfully apply for postdoctoral fellowships. Applicants should send a CV, letter of recommendation and a short outline of their research interests.



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