

## Job posting

### Type of position

  

scientific  
administrative

### Target group

  
  

graduates  
post docs  
other

- Title** Post-Doctoral Research Fellow in Stem Cell Epigenetics (#VTPD01)
- Institution** The newly founded Institute of Molecular Biology gGmbH (IMB) is a Centre of Excellence for Life Sciences, funded by the Boehringer Ingelheim Foundation, and located in Mainz, Germany.
- Position** Applications are invited for a postdoctoral researcher position in the laboratory of Dr. Vijay Tiwari ([www.imb-mainz.de/research-at-imb/tiwari](http://www.imb-mainz.de/research-at-imb/tiwari)). The successful applicant will contribute to internationally competitive research on signalling mediated epigenetic regulation during neuronal differentiation of stem cells.
- Responsibilities** The group employs high-throughput epigenomics assays such as ChIP-seq and RNA-seq in combination with stem cell biology and cutting-edge epigenetics and molecular biology tools. The resulting dataset will be analysed using computational biology approaches to generate a comprehensive model of signalling to chromatin crosstalk during cellular differentiation.
- Requirements** You will
- Have a PhD and experience in some of the following areas: epigenetics, stem cell biology, developmental biology, biochemistry, genomics
  - Have at least one first author paper in an international peer reviewed journal
  - Have good written and spoken English
  - Be interested in learning computational biology tools for genome-wide analysis of histone modifications and transcription factors
  - Be competitive at the international level and willing to collaborate with internal and external collaborators as well as support other group members
  - Employ cutting-edge epigenomics technologies (genome-wide assays such as ChIP-seq, RNA-seq) and standard molecular biology and epigenetics tools in combination with computational biology to study chromatin crosstalk of signaling kinases during cellular differentiation
  - Utilize mouse embryonic stem cell differentiation and mouse as a model system
  - Have access to all IMB Core Facilities

We offer

- The possibility to work on cutting-edge projects using state-of-the-art technology
- A stimulating, diverse and international research environment
- Advanced training opportunities
- Career development
- Competitive salary
- Favourable pension scheme
- The opportunity for part-time working

**Application  
procedure  
(deadline etc.)**

To apply, please email a cover letter, your CV (in English), contact address of a professional referee and certificates of your degrees quoting Ref. No. #VTPD01 to [personnel@imb-mainz.de](mailto:personnel@imb-mainz.de). Informal enquires should be addressed to Dr. Vijay Tiwari ([v.tiwari@imb-mainz.de](mailto:v.tiwari@imb-mainz.de)). IMB is an equal opportunity employer.

Starting date: 1 May 2012 or later. Duration: Initially 2 years; option of further extension.

**Contact**

Closing date: 30 March 2012  
[personnel@imb-mainz.de](mailto:personnel@imb-mainz.de)

Please state the job reference (#VTPD01) in the subject field of your e-mail.