Job posting

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<th>Type of position</th>
<th>Target group</th>
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<tr>
<td>✗ scientific</td>
<td>✗ graduates</td>
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Title  
AThe Institute of Molecular Biology is looking for a Research Group Leader in Computational Approaches to Ageing Research

Institution  
IMB (www.imb.de) is a research centre on the campus of Mainz University, Germany. It is generously funded by the Boehringer Ingelheim Foundation and the state of Rhineland-Palatinate, which jointly support IMB with over €250 million between 2010-2027. Our research focuses on the biology of the cell nucleus and ranges from the molecular level to systems and computational approaches. Researchers at IMB are supported by strong core facilities that offer state-of-the-art services in bioinformatics, cytometry, genomics, histology & microscopy, proteomics and protein production.

Position  
We seek outstanding, interactive candidates with a strong publication record and an innovative research profile in COMPUTATIONAL BIOLOGY (method development or application) in ageing research, including topics such as bulk & single-cell sequencing data analysis, biostatistics & computational systems biology, mathematical modeling, machine learning, genomic instability, epigenetic alterations & ageing clocks, RNA biology, proteostasis, senescence, stem cell exhaustion, metabolic & mitochondrial dysfunction or microbiome-ageing interactions.

Responsibilities
Requirements
As the successful candidate, you will have opportunities to network with, in particular, the following research initiatives in Mainz: the recently established focus area ReALity (Resilience, Adaptation & Longevity, https://reality.uni-mainz.de), the SFB on “Regulation of DNA repair and genome stability” (www.sfb1361.de), and the graduate school GenEvo on “Gene regulation and evolution” (www.imb.de/genevo). Moreover, IMB is located in close proximity to Mainz’s University Medical Centre with a Systems Medicine initiative (www.datamining.informatik.uni-mainz.de/diasym) and the Gutenberg Health Study, one of the largest prospective health studies worldwide (www.gutenberghealthstudy.org/ghs/overview.html?L=1). You will have access to state-of-the-art computational infrastructure at IMB and in Mainz, such as the MOGON II cluster (http://hpc-en.uni-mainz.de/high-performance-computing/systeme).

Application procedure (deadline etc.)
Positions are initially offered for 5 years and can be extended to up to 10 years following positive evaluation. The group leader package includes an attractive salary and annual budget. There are no teaching obligations, but teaching opportunities are available at Mainz University.

To apply, please send a single PDF containing your cover letter, CV and a concise description of your research interests and future research plans to hr@imb-mainz.de, quoting the reference CNGL05. Please also arrange for two letters of recommendation to be sent to hr@imb-mainz.de. Questions can be addressed to Christof Niehrs (c.niehrs@imb.de). The deadline for applications is 16 May 2021. Interviews will take place online in July 2021.

Declaration of Consent and Data Protection
By sending us your application, you consent to us saving your personal data to carry out the selection process. You can find more information on our data protection and retention periods at www.imb.de/jobs/data-protection.

Contact
hr@imb-mainz.de