

# Max-Delbrück-Center for Molecular Medicine

## Postdoc Scientist

<b>Kennziffer</b>	10647
<b>Abteilung / Forschungsgruppe</b>	Hämatologie, Onkologie und Tumorummunologie
<b>Bezeichnung und Anzahl</b>	1 Postdoc Scientist

A Postdoc position is available in a joined project of the Research Groups of Dr. Armin Rehm (Translational Tumorummunology) and PD Dr. Uta E. Höpken (Microenvironmental Regulation of Autoimmunity and Cancer).

<b>Aufgabenbereich</b>	<p>Our laboratories are interested in the elucidation of tumor-stroma interactions in hematological malignancies. To gain a profound understanding of mechanisms that cause leukemia and lymphoma to be addicted to the local microenvironment, we combine animal models, molecular and cellular biology approaches, microscopic imaging and genomics methodologies (Heinig et al., Cancer Discovery. 2014; Rehm et al., Nature Commun. 2014, Rehm et al, Blood, 2011). To further characterize the tumor-stroma interface and to study the dynamic behaviour of tumor cells in situ, we are planning to apply intravital imaging techniques in murine leukemia models. Moreover, based on the lymphoma-induced transcriptomic alterations of the lymph node vasculature we will explore the tissue remodeling and metabolic activation in the endothelial cell compartment. The Max-Delbrück-Center offers a state-of-the-art imaging core facility with access to multiphoton and confocal microscopes and all other technology platforms.</p>
<b>Voraussetzungen</b>	<p>We are looking for enthusiastic and ambitious candidates who have acquired extensive experiences in intravital imaging, preferably in multiphoton microscopy and confocal microscopy during his/her PhD thesis. Strong interest in tumorummunology and/or cell biology is required. Additional experience in animal models, molecular biology and metabolomics is advantageous. Candidates should have excellent interpersonal and communication skills. They should submit a CV, a resume of their previous research accomplishments, names of 2 referees, and a motivation letter.</p>
<b>Vergütung</b>	Equivalent to TVöD-O E13
<b>Einstellungstermin</b>	01.07.2016
<b>Befristung</b>	Funding is provided for 3 years.
<b>Bewerbungsfrist</b>	24.03.2016-29.04.2016
<b>Bewerbung an</b>	Dr. Armin Rehm Max-Delbrück-Center for Molecular Medicine, MDC Robert-Rössle-Str. 10 D-13125 Berlin Germany Email: arehm@mdc-berlin.de
<b>Auskunft</b>	Dr. Armin Rehm +49-30-9406 3817 +49-30-9406 3330 arehm@mdc-berlin.de or Dr. Uta E. Höpken +49-30-9406 3330

The MDC is an equal opportunity employer and supports gender equality.

Please, send your application including all documents indicating the registration number preferably by e-mail to arehm@mdc-berlin.de as pdf files (2 files of 5 MB at the maximum) as we do not return any papers.