

Junior Research Group Leader Position in Experimental Oncology (Tenure Track)



HI-STEM
HEIDELBERG INSTITUTE
FOR STEM CELL TECHNOLOGY
AND EXPERIMENTAL MEDICINE

dkfz.

GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

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Research for a Life without Cancer

Heidelberg Institute for Stem Cell Technology and Experimental Medicine (HI-STEM gGmbH) is a non-profit public private partnership between the German Cancer Research Center (DKFZ) in Heidelberg and the Dietmar Hopp Foundation (www.hi-stem.de). Our team of eight research groups with about 70 international scientists uses state-of-the-art stem cell technologies and performs state-of-the-art basic and translational research. Our focus is on normal and malignant stem cells, the mechanistic analysis of tumor progression and metastasis, and the development of new strategies to fight cancer cells and overcome resistance. We combine work on the hematopoietic system and leukemia with studies on solid tumors. Our ultimate goal is to facilitate the development of innovative therapies targeting cancer and metastatic stem cells by mechanistic understanding of the molecular tumor landscapes using model systems and clinical samples.

HI-STEM is located within the German Cancer Research Center (DKFZ), the largest biomedical research institution in Germany (www.dkfz.de), offering state-of-the-art infrastructure with excellent core facilities and international M.Sc. and PhD programs. The DKFZ's location, in close proximity to the research institutes of Heidelberg University and the Heidelberg University Hospital, as well as to the Max Planck Institute for Medical Research and EMBL, further contributes to a vibrant international research atmosphere.

Description:

We are currently seeking to appoint a junior research group leader to develop a new, internationally competitive, research program within HI-STEM.

We expect the successful candidate to establish a strong and original research program centered on topics of innovative experimental oncology and stem cell biology. Areas of special interest include mechanistic research with a translational perspective on cancer stem cells, metastasis, tumor-microenvironment, tumor-metabolism, therapy-resistance and minimal residual disease as well as immuno-oncology. Assessing mechanisms at the single cell level would be a plus.

Routine access to clinical samples and cohorts is available via established cooperation networks with the National Center for Tumor Diseases (NCT), the Heidelberg University Hospital and the German Cancer Consortium (DKTK).

The group leader position is endowed with an attractive core-funding package including personnel and consumables and possibility of a tenure-track option. Selected candidates are strongly encouraged to apply for additional third-party funding (e.g. ERC, DFG).

Your Profile:

Candidates must hold a PhD, MD or MD-PhD and be able to demonstrate a proven track record of research excellence during postdoctoral training (around three to seven years of postdoctoral experience) in fields described above including single cell technologies. We strongly encourage applicants who will be able to synergize with existing HI-STEM groups. Expertise in carrying out preclinical and/or translational research projects in oncology and an outstanding publications record is expected. Excellent communication skills and proficiency in English are essential.

How To Apply:

To apply, please send a single PDF file containing: (1) a cover letter to the Managing Director of HI-STEM, Prof. Andreas Trumpp; (2) curriculum vitae; (3) publication list; (4) summary of current and proposed research program (max. 3 pages); and (5) three contacts to obtain letters of recommendation.

The position is available from January 2021. Appointments will initially be for five years and will include a tenure-track option at the DKFZ. HI-STEM is committed to increase the percentage of female scientists and encourages female applicants to apply.

Applications must be submitted until October 10th, 2020 via email to applications@hi-stem.de. Please include the reference **JRG2020** in your email subject line. Short-listed candidates will be invited to Heidelberg to present and discuss their current work and future research plans.

Further Information:

Prof. Dr. Andreas Trumpp, E-Mail: applications@hi-stem.de. Please include the reference JRG2020 in your email subject line.

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Hopp Foundation and the German
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