



European Research Council
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GEORG SPEYER HAUS
INSTITUT FÜR TUMORBIOLOGIE
UND EXPERIMENTELLE THERAPIE



PhD funded position in Tumor Microenvironment in Leukemia.

The Institute for Tumor Biology and Experimental Therapy (Frankfurt, Germany) brings together outstanding scientists to generate new knowledge and understanding of the biology of cancer cells and their complex interaction with the microenvironment. The goal of our research is to provide the foundation for new medical treatments.

<http://www.georg-speyer-haus.de/en/research/research-groups/medyouf/research.html>

Applications are invited for a PhD position to join Dr. Medyouf's group. We combine state-of-the-art experimental and computational methods to study the role of the microenvironment in hematological malignancies. In particular the project will focus on myelodysplastic syndromes (MDS), a group of stem cell-driven clonal disorders that are characterized by the ineffective production of mature blood cells and a high risk of progression to acute myeloid leukemia (AML), with a dismal prognosis.

The candidate will join a multidisciplinary project funded by the European Research Council aimed at deciphering the interplay between the molecular circuitry of (pre)-leukemic cells and their surrounding microenvironment, the signaling pathways underlying these interactions and exploit this knowledge to explore new approaches for niche-based therapeutic interventions.

The successful candidate will have the talent and dedication to tackle a challenging project and be eager to explore interdisciplinary approaches. He/she will be offered the unique opportunity to mechanistically dissect biological mechanisms using both wet and dry lab tools in a highly dynamic and international environment.

Requirements:

Highly motivated applicants are expected to have a degree in Biology, Life Sciences or related fields with a significant background in cancer biology. Strong skills in mouse models, imaging techniques and/or bioinformatics are a prerequisite for this position. Interested candidates should send their CV, a statement of prior accomplishments/research interests (1 page max) and two references to:

medyouf@gsh.uni-frankfurt.de

Deadline for applications: September 30th, 2016