

## Marco Herling, MD

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[German version](#)



### Biosketch

Dr. Herling graduated from Martin-Luther-University (MLU) Halle-Wittenberg medical school in 1999. In his doctoral theses work on experimentally induced soft tissue sarcomas from 1994-1999 at the MLU Institute of Pathology, he studied pre-malignant mesenchymal changes and tumor host interactions on the basis of cellular glycoprotein-receptor patterns. With a stipend through the Biomedical Sciences Exchange Program, Dr. Herling worked as a medical student with mentors Drs. A.H. Sarris and L.J. Medeiros on the development of prognostic marker profiles in anaplastic large cell lymphoma and Hodgkin lymphoma between 1997-98 at the Department of Lymphoma and Myeloma at the M. D. Anderson Cancer Center ([MDACC](#)), Houston, Texas. In 2000, he entered his clinical training at the Department of Hematology/Oncology at the University of Freiburg chaired by Dr. R. Mertelsmann. He spent his postdoctoral fellowship from 2002-2006 at the MDACC's Department of Hematopathology in the laboratory of Dr. D. Jones. There, he investigated transforming mechanisms in T-cell malignancies with focus on the role of the oncogene TCL1. Between 2002-05, Dr. Herling was enrolled in the NIH Physician Scientist Training Program headed by Dr. E. J. Freireich completing the curriculum with a proposal and clinical implementation of novel trial approaches in T-PLL. As an awardee of the MDACC Odyssey Fellowship, Dr. Herling extended his research to the signaling pathways relevant in the precursor transformation and tumor progression in CLL.

With a stipend by the DFG, he joined the team around Dr. M. Hallek at the Department of Medicine I at Cologne University in 2007, where he led a Max-Eder junior research group from 2008 -2015 around the description and targeting of kinase interactions induced by environmental survival signals in CLL. He also headed the departmental diagnostic immunophenotyping in 2006 - 2010.

As a specialist in Internal Medicine and Hematology and Oncology, he oversees the scientific and clinical program in mature T-cell leukemias, e.g. [T-PLL](#) including a second-opinion office or a nation-wide registry.

Since 2010 Dr. Herling holds a position as Adjunct Assistant Professor at the Department of Hematopathology at the MDACC.

Since 2019 Dr. Herling holds the *venia legendi* (Habilitation) in Internal Medicine and is appointed attending physician.

Dr. Herling is a member of the American Society of Hematology, the American Society of Oncology, the American Association for Cancer Research, the German Society of Hematology and Oncology and other societies.

### **Scientific focus**

- The role and regulation of antigen receptor signaling in lymphatic oncogenesis
- Specific interception in protein kinase interactions in oncogenesis
- Environmental niches in mature B-cell and T-cell lymphomagenesis
- Histogenetic, functional, and target-based classification of lymphatic tumors

### **Clinical focus**

- Optimized therapies for mature T-cell tumors
- Diagnosis, prognostication and clinical management of mature lymphatic malignancies of T-cell and B-cell lineage
- Novel approaches to clinical trial designs in translational malignant Hematology Evidence based supportive care

### **Publications**

[PubMed](#)

### **Links**

[Laboratory of Lymphocyte Signaling and Oncoproteome](#)