

MORE THAN DNA.

CANCER EPIGENETICS at DKFZ

INTERNATIONAL PHD PROGRAM



PHD POSITIONS IN CANCER EPIGENETICS

Are you fascinated by epigenetic regulation of cancer? At the **German Cancer Research Center (DKFZ)** in Heidelberg, Germany's largest biomedical research institute, a number of research groups work together on epigenetic regulation within the interdisciplinary research network epigenetics@dkfz. The goal of this collaboration is to strengthen epigenetic research at the DKFZ and to provide support and training for research in cancer epigenetics.

Main activities at the DKFZ involving epigenetic research:

- Epigenetics in cancer risk and progression
- Epigenomic profiling to identify tumor cells of origin
- Mechanisms of epigenetic enhancer deregulation in cancer
- Epigenetic alterations that affect oncogenes and tumor suppressors
- Cross-talk between non-coding mutations and chromatin modifiers
- Epigenetic signaling during DNA repair
- Chromatin organization and function
- Single cell epigenomics to dissect tumor heterogeneity

Divisions and Research Groups conducting research in cancer epigenetics:

- [Soft-Tissue Sarcoma](#) (Ana Banito)
- [Mechanisms of Genome Control](#) (Angelika Feldmann)
- [Molecular Genetics](#) (Peter Lichter)
- [Molecular Neurogenetics](#) (Hai-Kun Liu)
- [Epigenetics](#) (Frank Lyko)
- [Tumorigenesis and Mol. Cancer Prevention](#) (K. Nowicki-Osuch)
- [Regulatory Genomics and Cancer Evolution](#) (Duncan Odom)
- [Pediatric Neurooncology](#) (Stefan Pfister)
- [Cancer Epigenomics](#) (Christoph Plass)
- [Chromatin Networks](#) (Karsten Rippe)
- [Stem Cells and Cancer](#) (Andreas Trumpp)
- [Neuroblastoma Genomics](#) (Frank Westermann)
- [Pediatric Oncology](#) (Olaf Witt)

To apply online to the International PhD Program visit
www.dkfz.de/phd

If you are interested in doing your PhD in the field of cancer epigenetics, why not join the International PhD Program at the DKFZ?

Next application deadline
24 April 2025

dkfz.

GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION