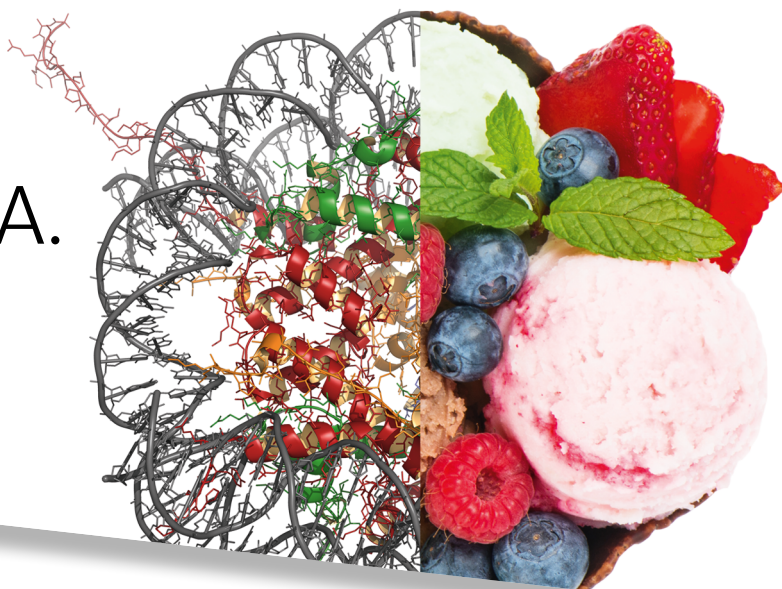


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CANCER EPIGENETICS at DKFZ

**INTERNATIONAL PHD PROGRAM**



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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 [epigenetic@dkfz](mailto:epigenetic@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)
- [Molecular Epidemiology](#) (Barbara Burwinkel)
- [Molecular Genetics](#) (Peter Lichter)
- [Molecular Neurogenetics](#) (Hai-Kun Liu)
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