

SFB 960-/BZR – Kolloquium

26. Januar 2023, 14.00 Uhr
H53



Prof. Dr. Sven Diederichs

DKFZ Heidelberg & Albert-Ludwigs-Universität Freiburg

From non-coding RNAs to non-canonical mutations in Cancer

Research in Sven's lab aims at uncovering the products and functions of the cancer genome.

On the one hand side, the majority of the human genome is transcribed into non-coding RNAs whose functions are largely unknown. To unravel those and their molecular mechanisms of action, Sven studies in detail the interplay of non-coding RNAs with RNA binding proteins and the formation of non-coding RNPs.

On the other hand, a hallmark of cancer cells is the large number of mutations that are accumulated. However, the functional contribution of the vast majority is unknown and thus cannot be exploited for therapy. Sven is elucidating the impact of canonical and non-canonical mutations in cancer by developing and applying novel high throughput approaches.

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