

Research profile for applicants

Name of DKFZ research division/group:	Division Primary Cancer Prevention (C120)
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Group homepage: <i>Visit this website for further information on current research and recent publications.</i>	https://www.dkfz.de/en/primary-cancer-prevention

RESEARCH PROFILE AND PROJECT TOPICS

Our interdisciplinary team is particularly dedicated to the development and evaluation of innovative strategies to reduce cancer risk factors in the population. Our research is embedded in the National Cancer Prevention Center. With a strong focus on the actual implementation of measures, we aim to bring scientific findings into practice faster. Our goal is to establish effective, evidence-based prevention strategies that sustainably prevent cancer and promote population health. Our research combines scientific excellence with practical and political relevance to generate research data and evidence that can serve as a basis for political decision-making. We focus on three central approaches:

Population-based approaches: Here we investigate how population-based interventions, such as policy measures or health campaigns, influence the behavior of individuals and impact public health. We use simulation models to evaluate the preventive potential of population-based interventions in relation to cancer risk factors such as tobacco and alcohol consumption.

Targeted approaches: We develop and test innovative concepts that are tailored to specific target groups or settings. We also aim to better integrate prevention services into the healthcare system, for example through low-threshold behavioral support.

Personalized approaches: Our research aims to precisely identify individual risk profiles and develop risk-adapted or personalized prevention strategies. Such approaches can be offered in cooperation with the prevention outpatient clinic of the National Cancer Prevention Center, to reduce the individual risk of cancer.

A postdoc project could be embedded within one of the three research areas. It would be tailored to the postdoc's interests and skills.



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