

## Research profile for applicants

Name of DKFZ research division/group:	<b>Physical Activity, Cancer Prevention and Survivorship (C110)</b>
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Group homepage: <i>Visit this website for further information on current research and recent publications.</i>	<a href="http://www.dkfz.de/en/physical-activity-cancer-prevention-and-survivorship">www.dkfz.de/en/physical-activity-cancer-prevention-and-survivorship</a>

### RESEARCH PROFILE AND PROJECT TOPICS

Our mission is to conduct innovative research on cancer prevention, including the importance of physical activity, but also on improving the quality of life of cancer patients. Our multidisciplinary team has continuously contributed with high-quality and innovative observational and interventional studies to the growing evidence that physical activity is a prime factor to decrease the risk of several cancers. Furthermore, we are studying if and how exercise improves the quality of life of cancer patients, reduces therapy- and cancer-related side effects, and, probably, also the risk of recurrence and cancer mortality. In addition, our division performs cancer survivorship research on the prevention and treatment of some of the most burdensome quality-of-life-related symptoms for cancer patients, such as fatigue, sleep problems, cognitive problems, and depressive symptoms, also on a beyond-exercise perspective.

Currently, we are specifically looking for additional expertise in the following areas. We are also open to your ideas that fit within our mission:

- Epidemiologic research on physical activity and exercise in primary prevention for various cancer sites and related health outcomes. As one of the responsible groups for the multi-modal physical activity module of the German National Cohort study (NAKO), exploration of these rich data could be part of the project.
- Research on patterns, pathophysiology, and treatment of selected burdensome quality of life-related outcomes
- Development and evaluation of dissemination projects for the general population or for people with a cancer diagnosis, based on the results of our research.



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