

## Project abstract

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| Name of DKFZ research division/group:  | <b><i>C130 Personalized Early Detection of Prostate Cancer</i></b>   |
| Contact person:  | <b>Prof. Peter Albers:</b> <a href="mailto:p.albers@dkfz.de">p.albers@dkfz.de</a><br><b>(Dr. Petra Seibold:</b> <a href="mailto:p.seibold@dkfz.de">p.seibold@dkfz.de</a> ) |
| Group homepage:<br>Please visit our website for further information on our research and recent publications. | <a href="https://www.dkfz.de/en/personalized-early-detection-of-prostate-cancer">https://www.dkfz.de/en/personalized-early-detection-of-prostate-cancer</a>                |

## PROJECT PROPOSAL

### Personalized Early Detection of Prostate Cancer

Our Division of Personalized Early Detection of Prostate Cancer is working on novel risk-adapted strategies for the personalized early detection of prostate cancer using a baseline PSA value at the age of 45-50. We coordinate the German PROBASE study ([www.probase.de](http://www.probase.de)), one of the world's largest active prostate cancer screening studies with over 46,000 participants at four study centres in Düsseldorf, Hannover, Heidelberg, and Munich. The findings of the PROBASE trial have recently changed the S3 medical guideline for prostate cancer in Germany.

In collaboration with national (e.g. Prof. Ulrike Haug, BIPS/Bremen) and international collaboration partners (e.g. Prof. Monique Roobol, Erasmus MC/NL), we are also conducting implementation studies to test additional potential entry points for low-barrier PSA testing outside of established medical practices, such as in the National Center Prevention Center (NCPC) and pharmacies, and to optimize the diagnostic work-up. This will together with the PROBASE data inform a future PCa screening strategy for Germany and Europe.

We are seeking for a highly motivated MD or MD/PhD who is interested to join our dynamic and collaborative team. The clinician scientist candidate will be involved in prostate cancer screening research activities embedded in a successful collaborative local network, e.g. with Sigrid Carlsson's DKFZ Division of Clinical Epidemiology of Early Cancer Detection, Heinz-Peter Schlemmer's DKFZ Division of Radiology, the NCPC Prevention Outpatient Clinic, the Radiation Oncology Department of the Heidelberg University Hospital, the Urology Department of the Heidelberg University Hospital, Department of Urology at Düsseldorf University Hospital and others.



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AND BACK

DKFZ Clinician Scientist Program  
[www.dkfz.de/clinicianscientist](http://www.dkfz.de/clinicianscientist)

*Selected recent publications from our team:*

- Al-Monajjed R et al. Eur Urol. 2025. [PMID: 40461322](#)
- Albers P et al. Eur Urol Oncol. 2025. [PMID: 40640052](#)
- Krilaviciute A et al. Eur Urol. 2024. [PMID: 38749854](#)
- Krilaviciute A et al. Eur Urol Oncol. 2023. [PMID: 37806841](#)



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