

The research group of Prof. Dr. Gabriele Niedermann, Dept. of Radiation Oncology, University Clinics Freiburg is offering a

### **PhD position in combined cancer immunotherapy & radiotherapy**

The Section of Radiobiology & Tumor Immunotherapy at the Dept. of Radiation Oncology, University Clinics Freiburg is seeking a highly motivated candidate for a PhD position. We study combinations of immunotherapeutics with focal radiation therapy (RT). This includes the combination of RT with active immunotherapeutics as well as cellular immunotherapeutics such as CAR T cells. Our research involves both the use of mouse tumor models and immunophenotyping of patient samples. The aim is to identify and develop effective combination therapies for the treatment of advanced/metastatic disease (see: Nat Commun. 2023, 14: 2087 PMID: 37045833; Clin Cancer Res 2023, 29: 667-683; Cancer Lett. 2022, 538: 215697; Cancer Immunol Immunother 2020, 69: 1823-1832; Clin Cancer Res 2020, 26: 945–956; Clin Cancer Res 2019, 25: 7243–7255; Nat Rev Dis Primers 2019, 5; Int J Radiat Oncol Biol Phys 2018, 101: 63–73). For more information, please visit: <https://www.uniklinik-freiburg.de/strahlenklinik/sektion-strahlenbiologie.html> or <https://www.uniklinik-freiburg.de/strahlenklinik-en/section-of-radiobiology.html>

#### **Required qualifications:**

- M.Sc. in biology, molecular medicine or other subjects, preferably with a focus on immunology, or M.D.
- Deep interest in tumor immunology and translational oncology
- Ideally experience in the analysis of murine or human T cell responses
- Experience with mouse tumor models or the willingness to work with mice (a FELASA B certificate or equivalent desirable)
- Very good written and spoken English

#### **We offer:**

- Position funded for three years with the possibility of extension
- Highly translational project with clinical relevance
- Opportunity to work in an international research team
- Opportunity to work in a laboratory that employs a variety of modern research methods in cell and molecular biology, tumor immunology and tumor immunotherapy
- Salary according to TV-L including social benefits
- Comprehensive further training program

Please submit your application online as a single PDF file with the following documents:

1. motivation letter containing a brief statement on research experience
2. CV
3. copy of school and graduation certificates
4. copy of university grades
5. contact details of 2–3 references

Prof. Dr. Gabriele Niedermann

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<https://www.uniklinik-freiburg.de/strahlenklinik/sektion-strahlenbiologie.htm>