

Open Position for a Ph.D. Student in Bioinorganic Radiochemistry at the Institute of Inorganic Chemistry, University of Vienna

For a project funded by the Austrian Science Fund (FWF; <https://www.fwf.ac.at/en/>) and in collaboration with the international academic collaboration partner Chimie ParisTech (<https://www.chimieparistech.psl.eu/en/>) we have an open position for a PhD student in the group of Ass. Prof. Thomas Mindt (<https://anorg-chemie.univie.ac.at/research/bioinorganic-radiochemistry/>) with start date in fall 2022 (3 years). The project involves the development of a dual cancer therapy approach combining photodynamic therapy with radiotherapy. The main task of the candidate is the radiolabeling of suitable compounds synthesized by the French collaboration partner and their pre-clinical evaluation (*in vitro* on cells and if successful, in mice).

The candidate will work in a stimulating, interdisciplinary environment (radiopharmacy/-chemistry, chemistry, nuclear medicine, pharmacology) at the University of Vienna (<https://anorg-chemie.univie.ac.at/research/bioinorganic-radiochemistry/>) and the Ludwig Boltzmann Institute Applied Diagnostics (<http://www.applied-diagnostics.at/>) located at the Medical University of Vienna (<https://www.meduniwien.ac.at/web/>). Candidates with the desire to get involved in application-driven and translational research are encouraged to apply.

Desired Skills and Experience

- M.Sc. degree in Pharmacy or Chemistry or equivalent.
- Highly motivated to succeed in this 3-year program.
- Experience in radiopharmaceutical sciences, photodynamic therapy/research with laser, or in conducting biological assays (*in vitro/in vivo*) would be advantageous.
- Good communication skills in English and/or German.
- Motivation to work in a transdisciplinary research team.

Salary will be based according to the recommendations of the Austrian Science Foundation (FWF: <https://www.fwf.ac.at/en/research-funding/personnel-costs/>).

Application documents (cover letter, Curriculum Vitae, transcript, and contact data of 1-2 references) should be sent to Prof. Dr. Thomas Mindt: Thomas.Mindt@univie.ac.at.