



Open Positions for 2 Postdoctoral Fellows in Radiopharmaceutical Sciences

The Ludwig Boltzmann Institute Applied Diagnostics in Vienna, Austria, follows a new dual biomarker concept for tumour diagnosis. The focus of the institute lies on the development of non-invasive diagnostic methods combining molecular epigenetic and genetic signatures and molecular imaging biomarkers for PET and SPECT analysis (<http://www.applied-diagnostics.at/>).

For projects funded by Industrial Collaborations and The Austrian Research Promotion Agency (FFG) we have **open positions** with immediate start date for **two postdoctoral fellows** (1 year and 3.5 years, respectively, with potential extension) in the area of **radiotracer development** within the institute's program line Imaging Biomarkers. The project involves the development of novel chelators for non-standard metallic radionuclides. Candidates with a radiopharmaceutical background and the desire to get involved in application-driven and translational research are encouraged to apply. The candidates will work in a stimulating, interdisciplinary environment (radiopharmacy, nuclear medicine, chemistry, pharmacology and health economics) at the Medical University of Vienna and the University of Vienna.

Desired Skills and Experience

- Ph.D. degree in Radiopharmaceuticals Science or equivalent.
- Know-how in conducting radiometal-labelling reactions and analysis of the radiolabelled products (e.g., γ -TLC/HPLC, stability assays).
- Experience in conducting biological assays (*in vitro/in vivo*) would be advantageous.
- Knowledge in synthetic organic/inorganic chemistry and according analytical techniques (e.g. HPLC, NMR, MS). Experience with solid phase chemistry is a plus.
- Good communication skills in English and/or German.
- Motivation to work in a transdisciplinary team.

The successful candidate will synthesize and investigate novel chelators for the development of diagnostic and/or therapeutic radiometal-based radiotracers for tumour-targeting. She or he will also take part in the chemical and biological evaluation of the new compounds *in vitro* and *in vivo*.

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*, and contact data of 2 references) should be sent to Prof. Dr. Thomas Mindt: Thomas.Mindt@lbiad.lbg.ac.at.