Open Position for a Postdoctoral Fellow 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 a project funded by the Austrian Science Foundation we have open positions with immediate start date for a postdoctoral fellow (2 years) in the area of radiotracer development within the institute’s program line Imaging Biomarkers. The project involves the development of novel peptidomimetics for improved tumour targeting. [see e.g., 1] Candidates with a chemical or pharmaceutical 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

- **PhD Degree in Chemistry or Pharmacy**
- Knowledge in synthetic organic/inorganic/peptide chemistry or transition metal catalysis (e.g., CuAAC) and according analytical techniques (e.g. HPLC, NMR, MS)
- Experience in radiopharmaceutical sciences and/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 team

The successful candidate will develop novel PET and SPECT tracers for tumour-targeting based on radiolabelled peptides/proteins and take part in the biological testing 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 2-3 references) should be sent to Prof. Dr. Thomas Mindt: Thomas.Mindt@lbiad.lbg.ac.at.