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| **Job description** | • Provides hands-on research support for the Biology research team within the Biology department working on the discovery and characterization of PET radiotracers for the diagnosis of neurodegenerative disorders  
• Preparation and characterization of human brain tissue for binding studies  
• Evaluation of new procedures and protocols for the enrichment of pathological protein aggregates from human tissues (e.g. immunoprecipitation, sucrose gradient, FACS)  
• Optimization of binding assays or other quantitative assays for Kd and Ki assessment  
• Setting up autoradiography assay conditions for new radioligands on human and TG mouse tissue sections  
• Screening small molecule compounds that are regularly synthesized by the Chemistry team using new as well as established assays  
• Immunostaining of human tissue sections  
• Evaluating target engagement of compounds by direct staining on tissue sections  
• Autoradiography with tritiated ligands |
| **Qualifications** | The candidate should have the following qualifications:  
• Ph.D. training in life sciences  
• Previous experience in structural biophysics and protein dynamics  
• Previous experience in neuroscience and neurodegenerative disorders, notably ALS and FTD along with TDP-43, is an advantage  
• Postdoctoral experience is an advantage  
• Excellent organizational skills and capability of data documentation  
• Team spirit paired with autonomous and rigorous work style  
• Excellent oral and written skills in English is mandatory |