



Student Assistant (HiWi) Position (m/f/d) Translocation of Complex Macromolecules Across the Intestinal Epithelial Barrier (TMI)

About BioMed X

BioMed X is an independent research institute located on the campus of the University of Heidelberg in Germany. Together with our partners, we identify big biomedical research challenges and provide creative solutions by combining global crowdsourcing with local incubation of the world's brightest early-career research talents. Each of the highly diverse research teams at BioMed X has access to state-of-the-art research infrastructure and is continuously guided by experienced mentors from academia and industry. At BioMed X, we combine the best of two worlds - academia and industry - and enable breakthrough innovation by making biomedical research more efficient, more agile, and more fun.

About Team TMI

A student assistant/HiWi position is available in the team of "Translocation of Complex Macromolecules Across the Intestinal Epithelial Barrier", headed by Dr. Kyungbo Kim at the BioMed X Institute in Heidelberg. The main objective of the research group TMI is to discover novel transport mechanisms in the human intestinal tract which could be utilized for oral-systemic delivery of diverse therapeutic modalities (e.g., peptides, oligonucleotides, and antibodies). Studies involve screening ligands, generating intestinal organoids from murine and human subjects, isolating intestinal cells, and creating a co-culture system. The project aims to develop a ligand specific for a target cell and establish quantitative assessment methods to monitor macromolecular drug delivery across the intestinal epithelial barrier.

The Position

We are looking for a part-time employee to assist the team in daily work in protein expression/purification and cell culture. Therefore, hands-on experience in affinity chromatography and maintaining cultured cells (transfection, transduction) is crucial. The ideal candidate(s) would be an MSc student in cell biology, biochemistry, or a related field with good work organization skills and excellent communication skills in English.

The position is available immediately. Please submit your application before September 15, 2022 to Dr. Kyungbo Kim (Kim@bio.mx). Applicants will be interviewed upon incoming documents; hence please get in touch as soon as you decide to apply.

Contact

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