

Helmholtz Center for Infection Research - PAIN



Pathogens interact with our nerves directly and indirectly during infection, causing nervous system dysfunction. Many viruses, including varicella zoster and herpes simplex, remain latent in sensory neurons throughout our lives, sporadically resurfacing to cause pain and itch. Sampurna Chakrabarti and her team seek to understand the host-pathogen interactive mechanisms leading to pain by combining functional and proteomic signatures at the single-neuron level.

Student Assistant in PAIN group at the Helmholtz Center for Infection Research

City: Braunschweig; Starting date (earliest): At the earliest possible; Remuneration: Hiwi rate; Reference number: HiWi; Closing date: 31/05/26

Tasks

- Active contribution to raw RNA-seq analysis from publicly available human DRG neurons.
- Active participation in lab meetings
- Keeping lab notebook up to date

Requirements

- Familiarity with Python
- Prior experience/interest in raw RNA-seq analysis pipelines
- Driven to actively contribute to ongoing research

What we offer

Academic training, goal driven 1:1 meetings, flexible working hours and duration

Application

Please send your CV and a motivation letter outlining your bioinformatics experience by email to: sampurna.chakrabarti@helmholtz-hzi.de

Subject line: "HiWi application: "

More information at <https://stellenticket.de/203964/TUBS/>

Offer visible until 05/06/26

