# HIWI Position in Bioinformatics

**Single cell genomics is revolutionizing biology and medicine**. Rapid technological advances now allow the profiling of genomes, transcriptomes and epigenomes at an unprecedented level of resolution. To harness the full potential of these developments new computational methods specifically tailored towards the analysis of single cell omics data are essential.

Our research group employs state-of-the-art single cell sequencing technologies (10x Genomics, BD Rhapsody) to unravel the dynamics of the human immune system.

We currently look for a motivated HiWi student in the area of bioinformatics/computational biology who contributes in a team effort to unravel changes in the aging immune system and to discover novel immune cell subsets that could be exploited for successful vaccination strategies. We have scRNAseq data sets from 10x Genomics available and need you for data analysis using already implemented bioinformatic pipelines under the guidance of a postdoc.

**Job:** HIWI-Position, 5-15h/week (flexible working hours, work from home possible)

**Qualifications:** Applicants should be students of bioinformatics/computational biology and be highly motivated to contribute to single-cell RNA-seq data analyses and preparation of manuscripts for publication.

**Where:** Chair of Infection Immunology, Hans-Knöll-Institute, Beutenbergstrasse 11a, 07745 Jena

**When:** The HiWi position is available immediately.

**Contact:** Prof. Christina Zielinski (christina.zielinski@leibniz-hki.de)

**www.zielinskilab.com**