

**Stellenausschreibung für die Stellenbörse der DGEpi/
Job offer for the job portal of the DGEpi**



Position	PhD position on 'Epidemiology of sex-dimorphisms of lipid metabolism and vascular phenotypes' in Leipzig, Germany
Arbeitgeber/ Employer	Institute of Molecular Biology Mainz
Arbeitsort/ Location	University of Leipzig Medical Centre
Gehalt bzw. Gehaltsstufe/ Salary scale	TVL E13 65%
Arbeitszeit/ Hours	Full time
Vertragsdauer/ Contract type	3 years
Bewerbungsfrist/ Application deadline	31 August 2024
Kontaktperson/ Contact person	coage-recruiting@imb.de

Weitere Bewerbungs- informationen/ Information for applicants	<p>Metabolic and cardiovascular phenotypes often express pronounced sex-dimorphisms. The molecular background of these observations is incompletely understood. Hormones acting as transcription factors and genetic sex-interactions are supposed to contribute to this phenomenon. To develop targeted and individualized therapies, there is a need to unravel the underlying molecular-genetic networks.</p> <p>During this PhD project, we plan to perform comprehensive sex-specific multi-omics data analyses of lipidomics profiles available in our cohorts based on deep molecular profiling. We will also analyse sex-differences between subclinical cardiovascular disease traits, respective longitudinal trajectories and cardiovascular endpoints and their relationships to lipidomics profiles. Summarizing these insights, we perform sex-specific causal networks of several cardiovascular traits and disease endpoints. These networks are compared to identify branching points of related pathomechanisms. We will extend the study with a similar set of analyses to other German Cohorts like the Gutenberg Health study.</p> <p>Supervision: Markus Scholz (University of Leipzig Medical Centre); The LIFE Study</p>
Datum der Anzeige/ Date posted	01.08.2024
Link zur Stellenausschreibung/ Link to job posting	CHA Mainz