

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



Position	PhD student
Arbeitgeber/ Employer	University Medicine Greifswald
Arbeitsort/ Location	Greifswald
Gehalt bzw. Gehaltsstufe/ Salary scale	65% TVL 13
Arbeitszeit/ Hours	fulltime
Vertragsdauer/ Contract type	4 years, limited until 30.06.2028
Bewerbungsfrist/ Application deadline	15.03.2024
Kontaktperson/ Contact person	jobs.unimedizin@med.uni-greifswald.de Reference number: 24/L/12_1040
Weitere Bewerbungs- informationen/ Information for applicants	The doctoral position is part of the subproject "Investigation of bidirectional inflammation-mediated associations between the presence of joint prostheses and periodontal and systemic diseases based on epidemiological studies" of the DFG Research Training Group GRK2901/1 SYLOBIO (Systemic and local reactions in intolerance to biomaterials for joint and skin lesions). This subproject focuses on the question of bidirectional relationships between the wearing or re-insertion of a joint prosthesis and subclinical changes or systemic diseases. To this end, existing epidemiological data from the population-based German National Cohort (GNC) with 205,415 baseline study participants and the population-based Regional Study of Health in Pomerania (SHIP-TREND) with 4,420 baseline study participants will be evaluated. During your four-year doctorate, you will focus on the following research question: Investigation of the association between wearing a joint prosthesis and various endpoints, considering systemic inflammation, using epidemiological cross-sectional and

	<p>longitudinal data (National Cohort and SHIP-TREND). To investigate the cross-sectional effects between wearing a joint prosthesis (exposure) and various endpoints, including cardiovascular endpoints (blood pressure/heart rate, Vascular Explorer), renal function, lung function (spirometry, ergometry) and grip strength measurements, using generalized models. In addition, follow-up data from the GNC and SHIP-TREND on incident cardiovascular events will be evaluated. The availability of time-varying omics data (serum metabolome) in SHIP-TREND also enables omics analyses in combination with deep learning methods and thus statements about possible biological processes (cooperation project with Rostock University). In addition, potential mediation effects via systemic inflammation are analyzed. Further information on the Research Training Group can be found at www.sylobio.de.</p>
<p>Datum der Anzeige/ Date posted</p>	<p>26.02.2024</p>
<p>Link zur Stellenausschreibung/ Link to job posting</p>	<p>SteA_24L12_1040_ex_MTD_Promovend_ENG.pdf (uni-greifswald.de) SteA_24L12_1040_ex_MTD_Promovend.pdf (uni-greifswald.de)</p>