

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



<b>Position</b>	<b>PhD position on ‘Sarcopenia, Sarcopenic Obesity and Healthy Ageing’ in Munich, Germany</b>
<b>Arbeitgeber/ Employer</b>	<b>Institute of Molecular Biology Mainz</b>
<b>Arbeitsort/ Location</b>	<b>Helmholtz Centre Munich</b>
<b>Gehalt bzw. Gehaltsstufe/ Salary scale</b>	<b>TVL E13 65%</b>
<b>Arbeitszeit/ Hours</b>	<b>Full time</b>
<b>Vertragsdauer/ Contract type</b>	<b>3 years</b>
<b>Bewerbungsfrist/ Application deadline</b>	<b>31 August 2024</b>
<b>Kontaktperson/ Contact person</b>	<a href="mailto:coage-recruiting@imb.de">coage-recruiting@imb.de</a>
<b>Weitere Bewerbungs- informationen/ Information for applicants</b>	<p>Sarcopenia, a progressive muscle disorder, often occurs in ageing or obese individuals due to shared risk factors, e.g. sedentary lifestyle, unhealthy diet, ageing and acute and chronic diseases. Sarcopenic obesity, a combination of sarcopenia and excess adipose tissue, appears to be more severe than obesity alone, with the underlying mechanisms remaining unknown.</p> <p>The mechanisms likely to be involved include low-grade inflammation, lipotoxicity, mitochondrial dysfunction, oxidative stress, myosteatosis and insulin resistance. Recent advances in high-throughput proteomics have allowed us to further elucidate these molecular mechanisms. Novel proteomics measurements have recently been completed in the Cooperative Health Research in the Region of Augsburg (KORA) Age study at baseline.</p> <p>The aim of the proposed CoAGE PhD project is to assess the association of these novel protein biomarkers with sarcopenia and sarcopenic obesity in order to further elucidate the underlying metabolic pathways of these disease outcomes. Validation of the obtained results in other population-</p>

	<p>based cohorts with available proteomics data is anticipated. Furthermore, Mendelian randomization analyses are planned to further elucidate the potential causal role of the identified protein candidates in disease development. We will extend the study with a similar set of analyses to other German Cohorts like the Gutenberg Health study.</p> <p>Supervision: Barbara Thorand (Helmholtz Centre Munich); <a href="#">The KORA Study</a></p>
<b>Datum der Anzeige/ Date posted</b>	<b>01.08.2024</b>
<b>Link zur Stellenausschreibung/ Link to job posting</b>	<a href="#">CHA Mainz</a>