

Research Group Leader Position in Biocalorimetry

The Professorship of Biothermodynamics (Prof. Minceva) at the Technical University of Munich invites applicants for the position of Group Leader in Biocalorimetry/Biological calorimetry.

We are particularly interested in receiving applications from candidates who demonstrate innovative, risk-taking, and ambitious multidisciplinary research that combines experimental and theoretical work with a vision of exploring the full potential of our state-of-the-art equipped calorimetry lab.

Your asks

- Perform independent, cutting-edge research of calorimetry application in life sciences, including but not limited to applications to microbiology, insects, food, biotechnology, soil, and environment sciences.
- Head our calorimetry laboratory activities.
- Continuously develop new research topics within our group research strategy.
- Initiate multidisciplinary national and international cooperation.
- Proactive acquisition of third-party funding.
- Support and guide doctoral candidates and undergraduate students in research
- Participate in teaching at the bachelor and master levels.

Your profile

- Ph.D. degree in (Bio-)chemical engineering, (Bio-)physics, (Bio-)chemistry, or related disciplines
- Advanced theoretical background in thermodynamics
- Sound research experience in (bio-)calorimetry
- Ample experience operating different types of calorimeters (e.g., differential scanning calorimeter, isothermal microcalorimeter, isothermal titration calorimeter, oxygen bomb calorimeter)
- Excellent written and verbal communication skills in English, organizational talent, and great interest in interdisciplinary collaboration
- German language knowledge is an advantage

We offer

Working at one of the most renowned universities worldwide. Access to state-of-the-art laboratory infrastructure and an inspiring scientific working atmosphere in an international team. The position is a full-position open from 1 November 2023 and is initially limited to 3 years, with a clear option for extension. The remuneration is according to TV-L (German Collective Agreement for Public Services). The place of work is Freising.

Application

Applications should include the following: (i) a motivation letter, (ii) a CV with details of the scientific career and a list of publications, (iii) academic transcripts of records and relevant certificates, and (iv) names and contact information of three references.

We look forward to receiving your **application as a PDF document via e-mail with “Biocalorimetry” in the subject line to contact.btd@ls.tum.de no later than 30.10.2023.**

TUM is an equal-opportunity employer. In the case of comparable suitability, aptitude and professional achievements, candidates with a severe disability will be given preference. Applications from women are particularly welcome.

For further information, please contact:

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More information

<https://www.lse.ls.tum.de/btd>

<https://www.ls.tum.de/ls>

Data protection information

When you apply for a position with the Technical University of Munich (TUM), you are submitting personal information. With regard to personal information, please take note of the [Datenschutzhinweise gemäß Art. 13 Datenschutz-Grundverordnung \(DSGVO\) zur Erhebung und Verarbeitung von personenbezogenen Daten im Rahmen Ihrer Bewerbung](#). (data protection information on collecting and processing personal data contained in your application in accordance with Art. 13 of the General Data Protection Regulation (GDPR)). By submitting your application, you confirm that you have acknowledged the above data protection information of TUM.