

Job vacancy No. 103-2022

The Leibniz Institute of Polymer Research Dresden is a non-university research institute and a member of the Leibniz Association. It has gained world-wide reputation for its application-oriented basic research on new polymer materials for future technologies, e.g. in the fields of energy, mobility, health, sustainability, and communication, and it supports the transfer of research results into application. The research work is carried out on the basis of state-of-the-art technical equipment in interdisciplinary cooperation between the five institutes of the IPF and embedded in numerous national and international cooperations. The IPF promotes young scientists and is certified as a family-friendly employer according to the Audit berufundfamilie®. The institute currently employs around 500 persons. Further information at www.ipfdd.de.

The IPF-Institute of Biofunctional Polymer Materials is looking for a

PhD student (m/f/d)

to work on the project 'Tissue-engineering the tumour microenvironment to improve treatment of pancreatic cancer'

Description: We are looking for a candidate who is keen to study the cellular and molecular interactions within the tumour microenvironment, with a focus on the immuno-suppressive signature and stroma-targeting therapies in pancreatic cancer. The candidate will help lead efforts as part of the PI's funded ERC Consolidator Grant 'CHIPIN'. The project involves 3D approaches that mimic the extracellular matrix, tissue composition and biomechanical properties of patient tumours and their application as clinically predictive platforms and for drug discovery. The research involves bioengineered 3D models, primary cell cultures and state-of-the-art multi-omics techniques. The candidate will be part of an interdisciplinary research team.

Your profile: We are looking forward to receive applications from highly motivated candidates with a master degree in biology, cell or molecular biology, or a related field. Applicants should have a documented expertise in cell culture, cancer research and biomaterials and the legal right to work in the EU.

The candidate in this position is expected to work independently but collaboratively with other team members and other research groups. Well-developed planning and organisational skills, with the ability to prioritise multiple tasks, setting and meeting deadlines are essential. Knowledge of confidentiality, privacy and information handling is desired. Excellent communication skills for scientific writing and discussions and proficiency in English are mandatory.

We offer: A position in a leading research institute, combined with a highly specialised working environment where you can implement your own ideas and work with a diverse and inclusive team and our international partners; flexible working hours.

Salary: According to German pay grade TV-L EG 13
Terms: 65% of the full-time weekly hours
Starting date: September/October 2022
Duration: 3 years

The IPF Dresden strives for gender equality and diversity in all fields. Applications by people with severe disabilities will be given preference if they are equally qualified. Moreover, as the IPF would like to raise the proportion of women in fields where they are underrepresented, women in particular are invited to apply.

The personal data collected by the IPF relating to your application, as well as the evaluation thereof shall be processed exclusively for purposes of the application process on the basis of contractual measures under Art. 6 (1b) GDPR. These data shall not be transferred to third parties. Recipients shall comprise the employees responsible, the Works Council as well as, where applicable, the representative body for disabled employees and the equal opportunities officers of the IPF. Your application details provided to us shall be deleted by us 6 months after the end of the application process, i.e. either after the job advertised has been filled, or after we have decided not to fill the vacancy after all. For questions under data protection law and for exercising your rights, please contact: d.atenschutz@ipfdd.de (data protection officer). You have the right to complain to the supervisory authority. Expenses for the interview participation will not be refunded.

Full applications should include a 2-page curriculum vitae, a 1-page letter of motivation, certificates, 2-3 references and expected availability date and should be emailed as a **single PDF** to the HR Human Resources Department. **Don't forget to indicate the number of the Job vacancy.**

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