

JOB ADVERTISEMENT

The INM – Leibniz Institute for New Materials in Saarbrücken, Germany, is an internationally leading center for materials research. INM embraces scientific work in the fields of technical and medical materials. INM is a scientific partner to national and international research institutions and a provider of research and development for companies throughout the world. INM has about 250 employees and is an institute of the Leibniz Association.

The research group *Dynamic Biomaterials* develops hydrogels for 3D Bioprinting and cell encapsulation. We aim to complement our team with a

Doctoral student

to work in a DFG funded project.

The candidate should have a degree in synthetic organic/polymer chemistry or biomaterials chemistry, and be interested in the following topics:

- **Water-based chemical reactions**
- **Functional hydrogels for 3D cell culture**
- **Additive manufacturing (3D bioprinting) of biomaterials**

The successful candidate will become member of an active research group with a strong international network. The candidate should be highly motivated and show a proactive team spirit. INM offers an excellent research infrastructure for fundamental and industrial work. Affinity to interdisciplinary cooperation and excellent proficiency in English language are expected from the candidate.

Your work will include the following tasks:

- **Synthesis of polymeric building blocks and crosslinked networks**
- **Hydrogel materials characterization (physicochemical, mechanical, biological)**
- **Design and integration of biomaterials for medical applications**

Salary and working hours are in accordance with the German state public service salary scale (TV-L) and the accordant social benefits. INM is an equal-opportunity employer with a certified family-friendly policy. We promote the professional opportunities of women and strongly encourage them to apply.

Please send your application via e-mail to the attention of Dr. Julieta Paez including a detailed CV, your certificates (B.Sc., M.Sc., etc.), the name of two reviewers (who are willing to provide a reference letter upon request), and your short motivation letter not later than June 28, 2019. The attachment should be a single pdf-file <5 MB.



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