Neues Denken. Neue Materialien.

INTERNSHIP AND/OR MASTERTHESIS:

EVALUATION OF BIOCOMPATIBILITY IN SYNTHETIC 3D HYDROGELS

The INM's research group *Dynamic Biomaterials* develops 3D hydrogels to improve current biomaterials in medical applications and as in vitro research tools to complement and/or reduce animal testing.

To support this topic, we seek a highly motivated student for an internship and/or master thesis to push forward in vitro methods evaluating the biocompatibility of these new synthetic materials, which recapitulate key aspects of the extracellular matrix in a defined way. These materials will provide a controlled microenvironment for all kind of cells in a tissue.

You have:

- interest in biology, applied bio/medical science or related fields.
- high motivation, creativity, and flexibility, as well as a structured and independent way of working.

You get:

- insight in a highly dynamic and international research group. You will work side by side with your international colleagues, which is an ideal environment to boost your future career.
- hands-on experience in state-of-the-art tissue engineering techniques & super-resolution imaging.
- chance to contribute to the next generation tissue engineering models.

We support the career opportunities of women, and we especially look forward for their applications.

Please send your e-mail to: jennifer.kasper@leibniz-inm.de

Saarbrücken, 25.02.2022

Leibniz Association

Zertifikat seit 2012
audit berufundfamilie

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