Faculty of Mechanical Science and Engineering

The Institute of Materials Science, Chair of Biomaterials invites subject to resources being available applications for a position as

**Research Associate / PhD**

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

The position will be available at the **earliest possible date**, entails 50% of the fulltime weekly hours and is limited until the 30.06.2021 with the possibility of extension. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position aims at obtaining further academic qualification (e.g. PhD).

**Tasks:** Successful candidates are expected to work in the DFG Transregio 67 ([www.trr67.de](http://www.trr67.de)) project ‘Development and characterization of artificial extracellular matrices based on collagen and glycosaminoglycan derivatives’ together with other groups from the universities of Leipzig, Berlin and Dresden. This includes: biophysical and immune-biochemical investigations to study interactions between glycosaminoglycan derivatives and proteins in detail and the preparation and diversified characterization of artificial extracellular matrices from collagen and glycosaminoglycan derivatives.

**Requirements:** university degree (e.g. diploma or masters) in materials science, biology, biochemistry or related. Expertise in one or more of the areas cell culture, immune-biochemistry, and biophysical methods, especially SPR as well as tissue engineering and bio surface-engineering is advantageous.

For further information please contact: Frau Dr. V. Hintze Tel. +49 351 463-39389 or by E-Mail vera.hintze@tu-dresden.de.

Applications from women are particularly welcome. The same applies to people with disabilities.

Please send applications including the usual documents until **19.09.2017** (stamped arrival date of the university central mail service applies) to: TU Dresden, Fakultät Maschinenwesen, Institut für Werkstoffwissenschaft, Professor für Biomaterialien, z. Hdn. Frau Dr. Vera Hintze, 01062 Dresden, Germany or via E-Mail in an electronically signed and encrypted form to: vera.hintze@tu-dresden.de. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.