

Accepted Manuscript

Full length article

Gelatine modified monetite as a bone substitute material: An *in vitro* assessment of bone biocompatibility

Benjamin Kruppke, Jana Farack, Alena-Svenja Wagner, Sarah Beckmann, Christiane Heinemann, Kristina Glenske, Sina Röbller, Hans-Peter Wiesmann, Sabine Wenisch, Thomas Hanke

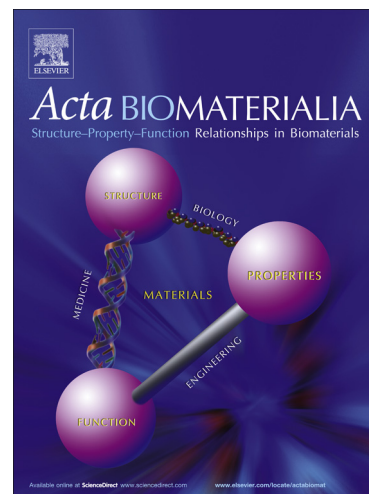
PII: S1742-7061(15)30272-5
DOI: <http://dx.doi.org/10.1016/j.actbio.2015.12.035>
Reference: ACTBIO 4049

To appear in: *Acta Biomaterialia*

Received Date: 17 September 2015
Revised Date: 25 November 2015
Accepted Date: 24 December 2015

Please cite this article as: Kruppke, B., Farack, J., Wagner, A-S., Beckmann, S., Heinemann, C., Glenske, K., Röbller, S., Wiesmann, H-P., Wenisch, S., Hanke, T., Gelatine modified monetite as a bone substitute material: An *in vitro* assessment of bone biocompatibility, *Acta Biomaterialia* (2015), doi: <http://dx.doi.org/10.1016/j.actbio.2015.12.035>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Gelatine modified monetite as a bone substitute material: An *in vitro* assessment of bone biocompatibility

Benjamin Kruppke^{1*}, Jana Farack¹, Alena-Svenja Wagner², Sarah Beckmann¹, Christiane Heinemann¹, Kristina Glenske², Sina Rößler¹, Hans-Peter Wiesmann¹, Sabine Wenisch² and Thomas Hanke¹

¹ *Max Bergmann Center of Biomaterials and Institute of Materials Science, Technische Universität Dresden, 01069 Dresden, Germany*

² *Department of Veterinary Clinical Sciences, Small Animal Clinic c/o Institute of Veterinary Anatomy, Histology and Embryology, Justus-Liebig-University Giessen, 35392 Giessen, Germany*

*Corresponding author. Tel.: +49 351 463 42762; fax: +49 351 463 39401. Max-Bergmann-Zentrum für Biomaterialien, Budapester Strasse 27, 01069 Dresden, Germany, E-mail address: Benjamin.Kruppke@tu-dresden.de (B. Kruppke).

Download English Version:

<https://daneshyari.com/en/article/6483367>

Download Persian Version:

<https://daneshyari.com/article/6483367>

[Daneshyari.com](https://daneshyari.com)