

Accepted Manuscript

Full length article

Design of a migration assay for human gingival fibroblasts on biodegradable magnesium surfaces

R. Amberg, A. Elad, D. Rothamel, T. Fienitz, G. Szakacs, S. Heilmann, F. Witte

PII: S1742-7061(18)30501-4

DOI: <https://doi.org/10.1016/j.actbio.2018.08.034>

Reference: ACTBIO 5638

To appear in: *Acta Biomaterialia*

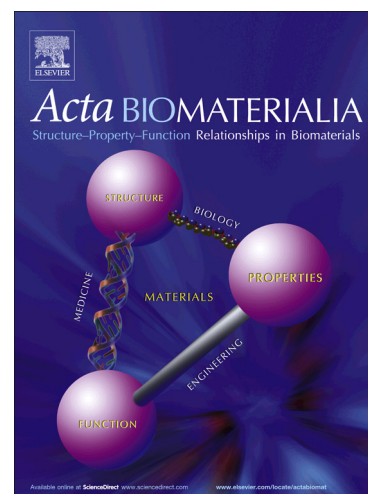
Received Date: 9 May 2018

Revised Date: 24 August 2018

Accepted Date: 28 August 2018

Please cite this article as: Amberg, R., Elad, A., Rothamel, D., Fienitz, T., Szakacs, G., Heilmann, S., Witte, F., Design of a migration assay for human gingival fibroblasts on biodegradable magnesium surfaces, *Acta Biomaterialia* (2018), doi: <https://doi.org/10.1016/j.actbio.2018.08.034>

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.



Design of a migration assay for human gingival fibroblasts on biodegradable magnesium surfaces

Amberg R.^{1,2}, Elad A.³, Rothamel D.^{4,5}, Fienitz T.⁵, Szakacs G.^{1,2}, Heilmann S.^{1,2}, Witte, F.^{1,2}

¹ Julius Wolff Institute, Charité-Universitätsmedizin Berlin, Augustenburger Platz 1, 13353 Berlin, Germany

² Berlin Brandenburger Center of Regenerative Therapies, Charité-Universitätsmedizin Berlin, Augustenburger Platz 1, 13353 Berlin, Germany

³ botiss biomaterials GmbH, Ullsteinstrasse 108, 12109 Berlin, Germany

⁴ Heinrich-Heine Universität Düsseldorf, Department of Oral and Maxillofacial Plastic Surgery, Moorenstr. 5, 40225 Düsseldorf

⁵ Evangelical Johanniter Hospital Bethesda Monchengladbach, Department of Oral and Maxillofacial Plastic Surgery, Ludwig-Weber-Str.15, 41061 Mönchengladbach

Corresponding author:

Prof. Dr. Frank Witte

Julius Wolff Institute,

Charité-Universitätsmedizin Berlin,

Augustenburger Platz 1,

13353 Berlin, Germany

Tel: +4930450559083

Fax.: +4930450559083

Email: frank.witte@charite.de

Download English Version:

<https://daneshyari.com/en/article/10224738>

Download Persian Version:

<https://daneshyari.com/article/10224738>

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