## Accepted Manuscript

Ultrasound-mediated deposition and cytocompatibility of apatitelike coatings on magnesium alloys



Chen-Ni Liu, Frederik Böke, Maximilian Gebhard, Anjana Devi, Horst Fischer, Adrian Keller, Guido Grundmeier

PII:	S0257-8972(18)30353-0
DOI:	doi:10.1016/j.surfcoat.2018.03.100
Reference:	SCT 23282
To appear in:	Surface & Coatings Technology
Received date:	2 November 2017
Revised date:	29 March 2018
Accepted date:	31 March 2018

Please cite this article as: Chen-Ni Liu, Frederik Böke, Maximilian Gebhard, Anjana Devi, Horst Fischer, Adrian Keller, Guido Grundmeier, Ultrasound-mediated deposition and cytocompatibility of apatite-like coatings on magnesium alloys. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Sct(2017), doi:10.1016/j.surfcoat.2018.03.100

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.

## **ACCEPTED MANUSCRIPT**

Ultrasound-mediated deposition and cytocompatibility of apatite-like coatings on magnesium alloys

Chen-Ni Liu,<sup>a</sup> Frederik Böke,<sup>b</sup> Maximilian Gebhard,<sup>c</sup> Anjana Devi,<sup>c</sup> Horst Fischer,<sup>b</sup> Adrian Keller, \*<sup>a</sup> and Guido Grundmeier<sup>a</sup>

<sup>a</sup> Technical and Macromolecular Chemistry, Department of Chemistry, Paderborn University,

Warburger Str. 100, 33098 Paderborn, Germany

<sup>b</sup> Dental Materials and Biomaterials Research, RWTH Aachen University Hospital,

Pauwelsstr. 30, 52074 Aachen, Germany

<sup>c</sup> Inorganic Materials Chemistry, Ruhr-University Bochum, Universitätsstr. 150, 44801 Bochum,

Germany

\* adrian.keller@uni-paderborn.de

Phone: +49 5251 60-5722

Fax: +49 5251 60-3244

Download English Version:

## https://daneshyari.com/en/article/8023696

Download Persian Version:

https://daneshyari.com/article/8023696

Daneshyari.com