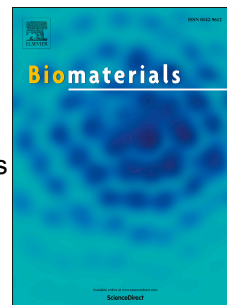


Accepted Manuscript



A plasma protein corona enhances the biocompatibility of Au@Fe₃O₄ Janus particles

Lisa Landgraf, Carolin Christner, Wiebke Storck, Isabel Schick, Ines Krumbein, Heidi Dähring, Katja Haedicke, Karl Heinz-Herrmann, Ulf Teichgräber, Jürgen R. Reichenbach, Wolfgang Tremel, Dr. Stefan Tenzer, Prof. Dr. Ingrid Hilger

PII: S0142-9612(15)00637-7

DOI: [10.1016/j.biomaterials.2015.07.049](https://doi.org/10.1016/j.biomaterials.2015.07.049)

Reference: JBMT 16980

To appear in: *Biomaterials*

Received Date: 18 March 2015

Revised Date: 24 July 2015

Accepted Date: 31 July 2015

Please cite this article as: Landgraf L, Christner C, Storck W, Schick I, Krumbein I, Dähring H, Haedicke K, Heinz-Herrmann K, Teichgräber U, Reichenbach JR, Tremel W, Tenzer S, Hilger I, A plasma protein corona enhances the biocompatibility of Au@Fe₃O₄ Janus particles, *Biomaterials* (2015), doi: 10.1016/j.biomaterials.2015.07.049.

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.

A plasma protein corona enhances the biocompatibility of Au@Fe₃O₄ Janus particles

Lisa Landgraf^a, Carolin Christner^a, Wiebke Storck^b, Isabel Schick^c, Ines Krumbein^d, Heidi Dähring^a, Katja Haedicke^a, Karl Heinz-Herrmann^d, Ulf Teichgräber^a, Jürgen R. Reichenbach^d, Wolfgang Tremel^c, Stefan Tenzer^{b*}, Ingrid Hilger^{a*}

^a *Institute of Diagnostic and Interventional Radiology, Division of Experimental Radiology, University Hospital Jena, Erlanger Allee 101, 07747 Jena, Germany*

^b *Institute for Immunology, University Medical Center of Mainz, Langenbeckstraße 1, D-55101 Mainz, Germany*

^c *Institute for Inorganic Chemistry and Analytical Chemistry, Johannes Gutenberg University, Duesbergweg 10-14, D-55128 Mainz, Germany*

^d *Medical Physics Group, Institute of Diagnostic and Interventional Radiology, Jena University Hospital, Friedrich Schiller University Jena, Philosophenweg 3, D-07743 Jena, Germany*

*Corresponding authors:

Prof. Dr. Ingrid Hilger, Institute of Diagnostic and Interventional Radiology, Division of Experimental Radiology, University Hospital Jena, Erlanger Allee 101, 07747 Jena, Germany. Phone: 0049-(0)3641-9325921, Fax: 0049-3641-9325922, e-mail: ingrid.hilger@med.uni-jena.de

Dr. Stefan Tenzer, Institute for Immunology, University Medical Center of Mainz, Langenbeckstraße 1, D-55101 Mainz, Germany. Phone: 0049-6131-176199, e-mail: tenzer@uni-mainz.de

Download English Version:

<https://daneshyari.com/en/article/6485428>

Download Persian Version:

<https://daneshyari.com/article/6485428>

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