

## Accepted Manuscript

Raman microscopy for cellular investigations - from single cell imaging to drug carrier uptake visualization

Birthe Kann, Herman L. Offerhaus, Maike Windbergs, Cees Otto

PII: S0169-409X(15)00017-4  
DOI: doi: [10.1016/j.addr.2015.02.006](https://doi.org/10.1016/j.addr.2015.02.006)  
Reference: ADR 12741

To appear in: *Advanced Drug Delivery Reviews*



Please cite this article as: Birthe Kann, Herman L. Offerhaus, Maike Windbergs, Cees Otto, Raman microscopy for cellular investigations - from single cell imaging to drug carrier uptake visualization, *Advanced Drug Delivery Reviews* (2015), doi: [10.1016/j.addr.2015.02.006](https://doi.org/10.1016/j.addr.2015.02.006)

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.

# Raman microscopy for cellular investigations - from single cell imaging to drug carrier uptake visualization

Birthe Kann <sup>a,b</sup>, Herman L. Offerhaus <sup>b</sup>, Maike Windbergs <sup>a,c,\*</sup>, Cees Otto <sup>d,\*</sup>

<sup>a</sup> Saarland University, Department of Biopharmaceutics and Pharmaceutical Technology, Campus A4.1, 66123 Saarbruecken, Germany

<sup>b</sup> University of Twente, Optical Sciences Group, MESA+ Institute for Nanotechnology, P.O. Box 217, 7500 AE Enschede, The Netherlands

<sup>c</sup> Helmholtz Centre for Infection Research and Helmholtz Institute for Pharmaceutical Research Saarland, Department of Drug Delivery, Campus A4.1, 66123 Saarbrücken, Germany

<sup>d</sup> University of Twente, Medical Cell BioPhysics, MIRA Institute for Biomedical Technology and Technical Medicine, P.O. Box 217, 7500 AE Enschede, The Netherlands

\* corresponding author:

Dr. Cees Otto

University of Twente, Medical Cell BioPhysics, P.O. Box 217, 7500 AE Enschede, The Netherlands

email: c.otto@tnw.utwente.nl

phone: +31 53 489 3159

Dr. Maike Windbergs

Saarland University, Department of Biopharmaceutics and Pharmaceutical Technology, Campus A4.1, 66123 Saarbruecken, Germany

email: m.windbergs@mx.uni-saarland.de

phone: +49 681 302 4763

Download English Version:

<https://daneshyari.com/en/article/8402882>

Download Persian Version:

<https://daneshyari.com/article/8402882>

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