

## Article

## Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage

Vladislav Volarevic, Verica Paunovic, Zoran Markovic, Bojana Simovic Markovic, Maja Misirkic-Marjanovic, Biljana Todorovi# Markovi#, Sanja Bojic, Ljubica Vucicevic, Svetlana Jovanovic, Nebojsa Arsenijevic, Ivanka Holclajtner-Antunovi#, Momir Milosavljevic, Miroslav Dramicanin, Tamara Kravic-Stevovic, Darko Ciric, Miodrag L. Lukic, and Vladimir Trajkovic

ACS Nano, Just Accepted Manuscript • DOI: 10.1021/nn502466z • Publication Date (Web): 21 Nov 2014

Downloaded from <http://pubs.acs.org> on December 1, 2014

### Just Accepted

"Just Accepted" manuscripts have been peer-reviewed and accepted for publication. They are posted online prior to technical editing, formatting for publication and author proofing. The American Chemical Society provides "Just Accepted" as a free service to the research community to expedite the dissemination of scientific material as soon as possible after acceptance. "Just Accepted" manuscripts appear in full in PDF format accompanied by an HTML abstract. "Just Accepted" manuscripts have been fully peer reviewed, but should not be considered the official version of record. They are accessible to all readers and citable by the Digital Object Identifier (DOI®). "Just Accepted" is an optional service offered to authors. Therefore, the "Just Accepted" Web site may not include all articles that will be published in the journal. After a manuscript is technically edited and formatted, it will be removed from the "Just Accepted" Web site and published as an ASAP article. Note that technical editing may introduce minor changes to the manuscript text and/or graphics which could affect content, and all legal disclaimers and ethical guidelines that apply to the journal pertain. ACS cannot be held responsible for errors or consequences arising from the use of information contained in these "Just Accepted" manuscripts.



ACS Publications  
High quality. High impact.

ACS Nano is published by the American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036

Published by American Chemical Society. Copyright © American Chemical Society. However, no copyright claim is made to original U.S. Government works, or works produced by employees of any Commonwealth realm Crown government in the course of their duties.

# Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage

*Vladislav Volarevic,<sup>†¶</sup> Verica Paunovic,<sup>‡¶</sup> Zoran Markovic,<sup>§¶</sup> Bojana Simovic Markovic,<sup>†</sup> Maja Misirkic-Marjanovic,<sup>‡¶</sup> Biljana Todorovic-Markovic,<sup>§</sup> Sanja Bojic,<sup>†</sup> Ljubica Vucicevic,<sup>‡¶</sup> Svetlana Jovanovic,<sup>§</sup> Nebojsa Arsenijevic,<sup>†</sup> Ivanka Holclajtner-Antunovic,<sup>#</sup> Momir Milosavljevic,<sup>§</sup> Miroslav Dramicanin,<sup>§</sup> Tamara Kravic-Stevovic,<sup>f</sup> Darko Ciric,<sup>f</sup> Miodrag L. Lukic,<sup>†\*</sup> Vladimir Trajkovic<sup>‡\*</sup>*

<sup>†</sup>Centre for Molecular Medicine and Stem Cell Research, Faculty of Medical Sciences, University of Kragujevac, 69 Svetozara Markovica St., 34000 Kragujevac, Serbia

<sup>‡</sup>Institute for Microbiology and Immunology, School of Medicine, University of Belgrade, Dr Subotica 1, 11000 Belgrade, Serbia

<sup>f</sup>Institute for Biological Research, University of Belgrade, Despota Stefana Blvd. 142, 11000 Belgrade, Serbia

<sup>§</sup>Vinca Institute of Nuclear Sciences, University of Belgrade, PO Box 522, 11000 Belgrade, Serbia

<sup>f</sup>Institute of Histology and Embriology, School of Medicine, University of Belgrade, Visegradska 26, 11000 Belgrade, Serbia

<sup>#</sup>Faculty of Physical Chemistry, University of Belgrade, Studentski trg 12-16, 11000 Belgrade, Serbia

\*correspondence: miodrag.lukic@medf.kg.ac.rs, vtrajkovic@med.bg.ac.rs

















































































