

## Accepted Manuscript

The presence of glutamate residues on the PAS sequence of the stimuli-sensitive nano-ferritin improves in vivo biodistribution and mitoxantrone encapsulation homogeneity

Elisabetta Falvo, Francesca Malagrino, Alessandro Arcovito, Francesco Fazi, Gianni Colotti, Elisa Tremante, Patrizio Di Micco, Aldo Braca, Roberta Opri, Alessandro Giuffrè, Giulio Fracasso, Pierpaolo Ceci

PII: S0168-3659(18)30093-2  
DOI: doi:[10.1016/j.jconrel.2018.02.025](https://doi.org/10.1016/j.jconrel.2018.02.025)  
Reference: COREL 9173  
To appear in: *Journal of Controlled Release*  
Received date: 15 November 2017  
Revised date: 14 February 2018  
Accepted date: 16 February 2018

Please cite this article as: Elisabetta Falvo, Francesca Malagrino, Alessandro Arcovito, Francesco Fazi, Gianni Colotti, Elisa Tremante, Patrizio Di Micco, Aldo Braca, Roberta Opri, Alessandro Giuffrè, Giulio Fracasso, Pierpaolo Ceci, The presence of glutamate residues on the PAS sequence of the stimuli-sensitive nano-ferritin improves in vivo biodistribution and mitoxantrone encapsulation homogeneity. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Corel*(2018), doi:[10.1016/j.jconrel.2018.02.025](https://doi.org/10.1016/j.jconrel.2018.02.025)

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.



## The presence of glutamate residues on the PAS sequence of the stimuli-sensitive nano-ferritin improves *in vivo* biodistribution and mitoxantrone encapsulation homogeneity

Elisabetta Falvo<sup>a,1</sup>, Francesca Malagrino<sup>a,b,1</sup>, Alessandro Arcovito<sup>c</sup>, Francesco Fazi<sup>d</sup>, Gianni Colotti<sup>a</sup>, Elisa Tremante<sup>e</sup>, Patrizio Di Micco<sup>b</sup>, Aldo Braca<sup>f</sup>, Roberta Opri<sup>g</sup>, Alessandro Giuffrè<sup>a</sup>, Giulio Fracasso<sup>g,1,\*</sup> and Pierpaolo Ceci<sup>a,1,\*</sup>

<sup>a</sup>Institute of Molecular Biology and Pathology, CNR – National Research Council of Italy, 00185 Rome, Italy

<sup>b</sup>Department of Biochemical Sciences “A. Rossi-Fanelli”, “Sapienza” University, 00185 Rome, Italy

<sup>c</sup>Institute of Biochemistry and Clinical Biochemistry, Catholic University of Sacred Heart, 00168 Rome, Italy

<sup>d</sup>Department of Anatomical, Histological, Forensic & Orthopedic Sciences, Section of Histology & Medical Embryology, “Sapienza” University, 00161 Rome, Italy

<sup>e</sup>Oncogenomics and Epigenetics, Regina Elena National Cancer Institute, 00144 Rome, Italy

<sup>f</sup>BSP pharmaceuticals, 04013 Latina, Italy

<sup>g</sup>Department of Medicine, University of Verona, 37134 Verona, Italy

\*Corresponding authors:

e-mail address: pierpaolo.ceci@cnr.it (P. Ceci); giulio.fracasso@univr.it (G. Fracasso)

<sup>1</sup> Equal contribution

Download English Version:

<https://daneshyari.com/en/article/7860035>

Download Persian Version:

<https://daneshyari.com/article/7860035>

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