

Accepted Manuscript

PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy

Zhigao Niu, Eleni Samaridou, Emilie Jaumain, Julie Coëne, Gabriela Ullio, Neha Shrestha, Josep Garcia, Matilde Durán-Lobato, Sulay Tovar, Manuel J. Santander-Ortega, M. Victoria Lozano, M. Mar Arroyo-Jiménez, Rocío Ramos-Membrive, Iván Peñuelas, Aloïse Mabondzo, Véronique Prétat, Meritxell Teixidó, Ernest Giralt, María José Alonso



PII: S0168-3659(18)30125-1
DOI: doi:[10.1016/j.jconrel.2018.03.004](https://doi.org/10.1016/j.jconrel.2018.03.004)
Reference: COREL 9196

To appear in: *Journal of Controlled Release*

Received date: 28 October 2017
Revised date: 26 February 2018
Accepted date: 4 March 2018

Please cite this article as: Zhigao Niu, Eleni Samaridou, Emilie Jaumain, Julie Coëne, Gabriela Ullio, Neha Shrestha, Josep Garcia, Matilde Durán-Lobato, Sulay Tovar, Manuel J. Santander-Ortega, M. Victoria Lozano, M. Mar Arroyo-Jiménez, Rocío Ramos-Membrive, Iván Peñuelas, Aloïse Mabondzo, Véronique Prétat, Meritxell Teixidó, Ernest Giralt, María José Alonso, PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Corel(2018), doi:[10.1016/j.jconrel.2018.03.004](https://doi.org/10.1016/j.jconrel.2018.03.004)

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.

PEG-PGA Enveloped Octaarginine-Peptide Nanocomplexes: An Oral Peptide Delivery Strategy

Zhigao Niu ^{a#}, Eleni Samaridou ^{a#}, Emilie Jaumain ^b, Julie Coëne ^b, Gabriela Ullio ^b, Neha Shrestha ^c, Josep Garcia ^d, Matilde Durán-Lobato ^a, Sulay Tovar ^e, Manuel J. Santander-Ortega ^{f,g}, M^a Victoria Lozano ^{f,g}, M^a Mar Arroyo-Jiménez ^{f,g}, Rocío Ramos-Membrive ^h, Iván Peñuelas ^h, Aloïse Mabondzo ^b, Véronique Préat ^c, Meritxell Teixidó ^d, Ernest Giralt ^d, María José Alonso ^{a*}

^a Center for Research in Molecular Medicine and Chronic Diseases, IDIS research Institute, Department of Pharmacy and Pharmaceutical Technology, School of Pharmacy, University of Santiago de Compostela, 15782, Santiago de Compostela, Spain.

^b Service de Pharmacologie et d'Immunoanalyse, IBITECS, CEA, Université Paris-Saclay, F-91191 Gif-sur-Yvette, France

^c Louvain Drug Research Institute, Advanced Drug Delivery and Biomaterials, Université Catholique de Louvain, B-1200, Brussels, Belgium

^d Institute for Research in Biomedicine (IRB Barcelona), Barcelona Institute for Science and Technology (BIST) 08028, Barcelona, Spain

^e Biomedical Research Group, Center for Research in Molecular Medicine and Chronic Diseases, University of Santiago de Compostela, 15782 Santiago de Compostela, Spain

^f Cellular Neuroanatomy and Molecular Chemistry of Central Nervous System Group, Faculty of Pharmacy, University of Castilla-La Mancha, 02071 Albacete, Spain

^g Regional Centre of Biomedical Research (CRIB)- University of Castilla-La Mancha, Albacete (Spain)

^h Radiopharmacy Unit, Department of Nuclear Medicine, Clínica Universidad de Navarra, University Clinic of Navarra, 31008, Pamplona, Spain

* Corresponding author

Department of Pharmacy and Pharmaceutical Technology, Center for Research in Molecular Medicine and Chronic Diseases, IDIS research Institute, University of Santiago de Compostela, 15782, Santiago de Compostela, Spain.

E-mail address: mariaj.alonso@usc.es (M.J. Alonso)

These authors contributed equally to this work

Download English Version:

<https://daneshyari.com/en/article/7859953>

Download Persian Version:

<https://daneshyari.com/article/7859953>

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