

## Accepted Manuscript

Title: Study of non-covalent interactions on dendriplex formation: Influence of Hydrophobic, Electrostatic and Hydrogen Bonds Interactions

Authors: María Sánchez-Milla, Isabel Pastor, Marek Maly, M. Jesús Serramía, Rafael Gómez, Javier Sánchez-Nieves, Félix Ritort, M. Ángeles Muñoz-Fernández, F. Javier de la Mata



PII: S0927-7765(17)30849-4  
DOI: <https://doi.org/10.1016/j.colsurfb.2017.12.009>  
Reference: COLSUB 9032

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 5-8-2017  
Revised date: 10-11-2017  
Accepted date: 7-12-2017

Please cite this article as: María Sánchez-Milla, Isabel Pastor, Marek Maly, M. Jesús Serramía, Rafael Gómez, Javier Sánchez-Nieves, Félix Ritort, M. Ángeles Muñoz-Fernández, F. Javier de la Mata, Study of non-covalent interactions on dendriplex formation: Influence of Hydrophobic, Electrostatic and Hydrogen Bonds Interactions, *Colloids and Surfaces B: Biointerfaces* <https://doi.org/10.1016/j.colsurfb.2017.12.009>

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.

# Study of non-covalent interactions on dendriplex formation: Influence of Hydrophobic, Electrostatic and Hydrogen Bonds Interactions

*María Sánchez-Milla,<sup>a,b</sup> Isabel Pastor,<sup>b,c</sup> Marek Maly,<sup>d</sup> M. Jesús Serramía,<sup>b,e</sup> Rafael Gómez,<sup>a,b</sup> Javier Sánchez-Nieves,<sup>a,b,\*</sup> Félix Ritort,<sup>b,c</sup> M. Ángeles Muñoz-Fernández,<sup>b,e</sup> F. Javier de la Mata,<sup>a,b,\*</sup>*

<sup>a</sup> Department of Química Orgánica y Química Inorgánica, Universidad de Alcalá (IRYCIS), Campus Universitario, E-28871 Alcalá de Henares (Madrid) Spain; Instituto de Investigación Química "Andrés M. del Río" (IQAR), Universidad de Alcalá; email: [javier.sancheznieves@uah.es](mailto:javier.sancheznieves@uah.es); [javier.delamata@uah.es](mailto:javier.delamata@uah.es).

<sup>b</sup> Networking Research Center on Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN), Madrid, Spain.

<sup>c</sup> Small Biosystems Lab, Condensed Matter Physics Department, Universitat de Barcelona, C/ Martí i Franquès, E-08028, Barcelona, Spain.

<sup>d</sup> Faculty of Science, J. E. Purkinje University, Ceske mladeze 8, 400 96 Usti nad Labem, Czech Republic.

<sup>e</sup> Sección Inmunología. Laboratorio de InmunoBiología Molecular. Hospital General Universitario Gregorio Marañón, Madrid, Spain. Instituto de Investigación Sanitaria Gregorio Marañón, Madrid, Spain; Spanish HIV HGM BioBank, Madrid, Spain.

Download English Version:

<https://daneshyari.com/en/article/6980738>

Download Persian Version:

<https://daneshyari.com/article/6980738>

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