

Accepted Manuscript

Title: Electrokinetic Hummel-Dreyer characterization of nanoparticle-plasma protein corona: the non-specific interactions between PEG-modified persistent luminescence nanoparticles and albumin

Authors: Gonzalo Ramírez-García, Fanny d'Orlyé, Silvia Gutiérrez-Granados, Minerva Martínez-Alfaro, Nathalie Mignet, Cyrille Richard, Anne Varenne

PII: S0927-7765(17)30518-0
DOI: <http://dx.doi.org/doi:10.1016/j.colsurfb.2017.08.012>
Reference: COLSUB 8768

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

Received date: 6-3-2017
Revised date: 27-7-2017
Accepted date: 2-8-2017

Please cite this article as: Gonzalo Ramírez-García, Fanny d'Orlyé, Silvia Gutiérrez-Granados, Minerva Martínez-Alfaro, Nathalie Mignet, Cyrille Richard, Anne Varenne, Electrokinetic Hummel-Dreyer characterization of nanoparticle-plasma protein corona: the non-specific interactions between PEG-modified persistent luminescence nanoparticles and albumin, *Colloids and Surfaces B: Biointerfaces* <http://dx.doi.org/10.1016/j.colsurfb.2017.08.012>

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.



Electrokinetic Hummel-Dreyer characterization of nanoparticle-plasma protein corona: the non-specific interactions between PEG-modified persistent luminescence nanoparticles and albumin

Gonzalo Ramírez-García^{a-c}, Fanny d'Orlyé^a, Silvia Gutiérrez-Granados^b, Minerva Martínez-Alfaro^c, Nathalie Mignet^a, Cyrille Richard^a, Anne Varenne^{a}*

^a PSL Research University, Chimie ParisTech, Unité de Technologies Chimiques et Biologiques pour la Santé, 75005, Paris, France

^a INSERM, Unité de Technologies Chimiques et Biologiques pour la Santé (U 1022), 75006, Paris, France

^a CNRS, Unité de Technologies Chimiques et Biologiques pour la Santé UMR 8258, 75006 Paris, France

^a Université Paris Descartes, Sorbonne Paris Cité, Unité de Technologies Chimiques et Biologiques pour la Santé, 75006 Paris, France.

^b Departamento de Química, Universidad de Guanajuato, 36050, Guanajuato, Mexico.

^c Departamento de Farmacia, Universidad de Guanajuato, 36050, Guanajuato, Mexico.

***Corresponding author: Anne Varenne.** E-mail: anne.varenne@chimie-paristech.fr). Tel.: (33) 1 43 25 18 76.

Download English Version:

<https://daneshyari.com/en/article/4982957>

Download Persian Version:

<https://daneshyari.com/article/4982957>

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