### Accepted Manuscript

Title: The role of 5-hydroxymethylcytosine in development, aging and age-related diseases

Author: V. López A.F. Fernández M.F. Fraga

PII: S1568-1637(17)30039-9

DOI: http://dx.doi.org/doi:10.1016/j.arr.2017.05.002

Reference: ARR 763

To appear in: Ageing Research Reviews

Received date: 24-2-2017 Revised date: 2-5-2017 Accepted date: 2-5-2017

Please cite this article as: López, V., Fernández, A.F., Fraga, M.F., The role of 5-hydroxymethylcytosine in development, aging and age-related diseases, *Ageing Research Reviews* (2017), http://dx.doi.org/10.1016/j.arr.2017.05.002

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.

#### ACCEPTED MANUSCRIPT

# The role of 5-hydroxymethylcytosine in

## 2 development, aging and age-related diseases

5					
4					
5	López V <sup>1</sup> , Fernández AF <sup>1</sup> , Fraga MF <sup>2*</sup> .				
6	<sup>1</sup> Cancer Epigenetics Laboratory, Institute of Oncology of Asturias (IUOPA), HUCA,				
7	Universidad de Oviedo, Oviedo, Spain.				
8	<sup>2</sup> Nanomaterials and Nanotechnology Research Center (CINN-CSIC)-Universidad de				
9	Oviedo-Principado de Asturias, Spain.				
0					
1	*Correspondence to:				
12	Mario F. Fraga: mffraga@cinn.es				
13					
4	<b>Keywords:</b>	5-hydroxymethylcytosine, DNA	methylation,	epigenetics,	cell
15	differentiatio	n, cancer, aging.			
16					
17					
18					
19					
20					
21					
22					
23					
24					

#### Download English Version:

## https://daneshyari.com/en/article/5500607

Download Persian Version:

https://daneshyari.com/article/5500607

<u>Daneshyari.com</u>