

Accepted Manuscript

Full length article

Cu-doping of calcium phosphate bioceramics: from mechanism to the control of cytotoxicity

Sandrine Gomes, Charlotte Vichery, Stéphane Descamps, Hervé Martinez, Amandeep Kaur, Aurélie Jacobs, Jean-Marie Nedelec, Guillaume Renaudin

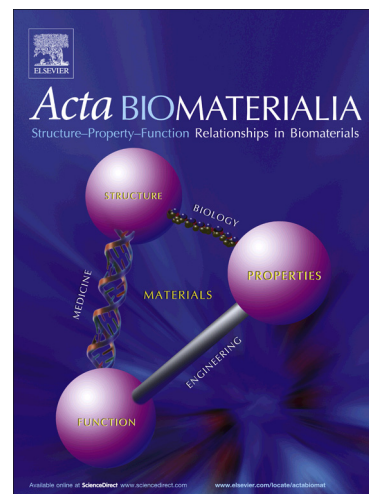
PII: S1742-7061(17)30657-8
DOI: <https://doi.org/10.1016/j.actbio.2017.10.028>
Reference: ACTBIO 5134

To appear in: *Acta Biomaterialia*

Received Date: 25 July 2017
Revised Date: 9 October 2017
Accepted Date: 17 October 2017

Please cite this article as: Gomes, S., Vichery, C., Descamps, S., Martinez, H., Kaur, A., Jacobs, A., Nedelec, J-M., Renaudin, G., Cu-doping of calcium phosphate bioceramics: from mechanism to the control of cytotoxicity, *Acta Biomaterialia* (2017), doi: <https://doi.org/10.1016/j.actbio.2017.10.028>

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.



**Cu-doping of calcium phosphate bioceramics: from mechanism to the
control of cytotoxicity**

Sandrine Gomes¹, Charlotte Vichery¹, Stéphane Descamps¹, Hervé Martinez², Amandeep
Kaur^{1#}, Aurélie Jacobs¹, Jean-Marie Nedelec¹, Guillaume Renaudin^{1*}

¹ Université Clermont Auvergne, CNRS, SIGMA Clermont, ICCF, F-63000 Clermont-
Ferrand, France.

² Université de Pau et des Pays de l'Adour, IPREM CNRS UMR 5254, Helioparc Pau
Pyrénées, 2 Avenue de Président Angot, F-64053 Pau Cedex 9, France.

* corresponding author: guillaume.renaudin@sigma-clermont.fr

Tel.: 00 33 4 73 40 73 36, Fax.: 00 33 4 73 40 70 95

Present address: VIT University, Vellore, Tamil Nadu 632014, India.

Download English Version:

<https://daneshyari.com/en/article/6483170>

Download Persian Version:

<https://daneshyari.com/article/6483170>

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