

Accepted Manuscript

Full length article

Fine-Tuning Pro-Angiogenic Effects of Cobalt for Simultaneous Enhancement of Vascular Endothelial Growth Factor Secretion and Implant Neovascularization

Yoke Chin Chai, Luis Freitas Mendes, Nick van Gestel, Geert Carmeliet, Frank P Luyten

PII: S1742-7061(18)30179-X
DOI: <https://doi.org/10.1016/j.actbio.2018.03.048>
Reference: ACTBIO 5390

To appear in: *Acta Biomaterialia*

Received Date: 8 January 2018
Revised Date: 25 March 2018
Accepted Date: 28 March 2018

Please cite this article as: Chai, Y.C., Mendes, L.F., van Gestel, N., Carmeliet, G., Luyten, F.P., Fine-Tuning Pro-Angiogenic Effects of Cobalt for Simultaneous Enhancement of Vascular Endothelial Growth Factor Secretion and Implant Neovascularization, *Acta Biomaterialia* (2018), doi: <https://doi.org/10.1016/j.actbio.2018.03.048>

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.



Fine-Tuning Pro-Angiogenic Effects of Cobalt for Simultaneous Enhancement of Vascular Endothelial Growth Factor Secretion and Implant Neovascularization

Yoke Chin Chai^{*1,3}, Luis Freitas Mendes^{*1,3}, Nick van Gastel^{2,3}, Geert Carmeliet^{2,3}, Frank P Luyten^{#1,3}

Affiliations:

¹ Tissue Engineering Laboratory, Skeletal Biology and Engineering Research Center, KU Leuven, O&N 1, Herestraat 49, bus 813, 3000 Leuven, Belgium.

² Clinical and Experimental Endocrinology, KU Leuven, O&N 1, Herestraat 49, bus 902, 3000 Leuven, Belgium.

³ Prometheus, Division of Skeletal Tissue Engineering, KU Leuven, O&N 1, Herestraat 49, bus 813, 3000 Leuven, Belgium.

* joint first authorship

#Corresponding author:

Frank P. Luyten

Rheumatology Section

O&N 1, Herestraat 49 – box 7003

3000 Leuven, Belgium.

Tel: +32 16 342541

Fax: +32 16 342543

Email: frank.luyten@uzleuven.be

Download English Version:

<https://daneshyari.com/en/article/6482938>

Download Persian Version:

<https://daneshyari.com/article/6482938>

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