

Accepted Manuscript

Targeted Magnetic Intra-Lysosomal Hyperthermia produces lysosomal reactive oxygen species and causes Caspase-1 dependent cell death

Pascal Clerc, Pauline Jeanjean, Nicolas Halalli, Michel Gougeon, Bernard Pipy, Julian Carrey, Daniel Fourmy, Véronique Gigoux



PII: S0168-3659(17)31057-X
DOI: doi:[10.1016/j.jconrel.2017.11.050](https://doi.org/10.1016/j.jconrel.2017.11.050)
Reference: COREL 9080

To appear in: *Journal of Controlled Release*

Received date: 6 September 2017
Revised date: 28 November 2017
Accepted date: 30 November 2017

Please cite this article as: Pascal Clerc, Pauline Jeanjean, Nicolas Halalli, Michel Gougeon, Bernard Pipy, Julian Carrey, Daniel Fourmy, Véronique Gigoux , Targeted Magnetic Intra-Lysosomal Hyperthermia produces lysosomal reactive oxygen species and causes Caspase-1 dependent cell death. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Corel(2017), doi:[10.1016/j.jconrel.2017.11.050](https://doi.org/10.1016/j.jconrel.2017.11.050)

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.

Targeted Magnetic Intra-lysosomal Hyperthermia produces lysosomal reactive oxygen species and causes Caspase-1 dependent cell death

Pascal Clerc^{1,2}, Pauline Jeanjean^{1,2}, Nicolas Halalli¹, Michel Gougeon³, Bernard Pipy⁴, Julian Carrey¹, Daniel Fourmy^{1,2}, Véronique Gigoux^{1,2*}

1. Laboratoire de Physique et Chimie des Nano-Objets, CNRS UMR5215-INSA, Université de Toulouse III, Toulouse, France.
2. INSERM ERL1226, Receptology and Targeted Therapy of Cancers, Toulouse, France.
3. Université de Toulouse 3/CNRS, CIRIMAT, Toulouse, France.
4. UMR 152-Pharma-Dev, Université de Toulouse, 31432 Toulouse, France.

*** Correspondence:** Véronique Gigoux, INSERM ERL1226, 1 Avenue du Professeur Jean Poulhes, F-31432 Toulouse, France. Email : veronique.gigoux@inserm.fr

Conflicts of Interest: None.

Download English Version:

<https://daneshyari.com/en/article/7860470>

Download Persian Version:

<https://daneshyari.com/article/7860470>

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