

Accepted Manuscript

Title: Sub-acute intravenous exposure to Fe₂O₃ nanoparticles does not alter cognitive performances and catecholamine levels, but slightly disrupts plasma iron level and brain iron content in rats

Authors: Dalel Askri, Souhir Ouni, Said Galai, Benoit Chovelon, Josiane Arnaud, Sylvia G. Lehmann, Mohsen Sakly, Michel Sève, Salem Amara

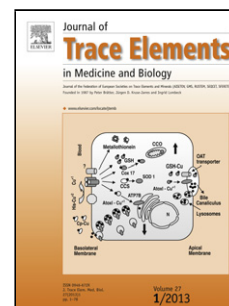
PII: S0946-672X(18)30241-4
DOI: <https://doi.org/10.1016/j.jtemb.2018.06.006>
Reference: JTEMB 26161

To appear in:

Received date: 2-4-2018
Revised date: 25-5-2018
Accepted date: 5-6-2018

Please cite this article as: Askri D, Ouni S, Galai S, Chovelon B, Arnaud J, Lehmann SG, Sakly M, Sève M, Amara S, Sub-acute intravenous exposure to Fe₂O₃ nanoparticles does not alter cognitive performances and catecholamine levels, but slightly disrupts plasma iron level and brain iron content in rats, *Journal of Trace Elements in Medicine and Biology* (2018), <https://doi.org/10.1016/j.jtemb.2018.06.006>

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.



Sub-acute intravenous exposure to Fe₂O₃ nanoparticles does not alter cognitive performances and catecholamine levels, but slightly disrupts plasma iron level and brain iron content in rats

Dalel Askri^{1,2,3)*}, Souhir Ouni²⁾, Said Galai⁴⁾, Benoit Chovelon⁵⁾, Josiane Arnaud^{3,5)}, Sylvia G Lehmann⁶⁾, Mohsen Sakly²⁾, Michel Sève^{1,3)} and Salem Amara²⁾

1) Univ. Grenoble Alpes, CHU Grenoble Alpes, Grenoble, PROMETHEE Proteomic Platform, 38000 Grenoble, France

2) Univ. Carthage, Fac. Sciences of Bizerte, Unit of Research in Integrated Physiology, Bizerte, Tunisia

3) Univ. Grenoble Alpes, Inserm, LBFA, BEeSy, 38000 Grenoble, France

4) University of Tunis El Manar, Laboratory of Clinical Biology, National Institute of Neurology, Tunis, Tunisia

5) CHU Grenoble Alpes, Unit of Hormonal and Nutritional Biochemistry, Institute of Biology and Pathology, F 38000 Grenoble, France

6) Univ. Grenoble Alpes, Univ. Savoie Mont Blanc, CNRS, IRD, IFSTTAR, ISTerre, 38000 Grenoble, France

* Corresponding Author: Dalel Askri, Promethee Proteomic Platform, IBP, 38000 Grenoble-France. Email: askridalel@gmail.com. Tel: 0033(0)669259993

Download English Version:

<https://daneshyari.com/en/article/7638662>

Download Persian Version:

<https://daneshyari.com/article/7638662>

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