

## Accepted Manuscript

The neuroprotective effects of experience on cognitive functions: evidence from animal studies on the neurobiological bases of brain reserve

Francesca Gelfo, Laura Mandolesi, Laura Serra, Giuseppe Sorrentino, Carlo Caltagirone

PII: S0306-4522(17)30551-1

DOI: <http://dx.doi.org/10.1016/j.neuroscience.2017.07.065>

Reference: NSC 17942

To appear in: *Neuroscience*

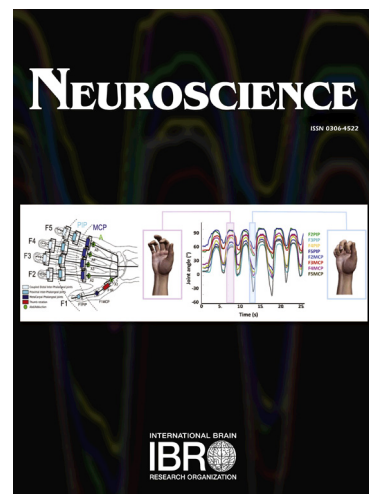
Received Date: 24 March 2017

Revised Date: 26 July 2017

Accepted Date: 27 July 2017

Please cite this article as: F. Gelfo, L. Mandolesi, L. Serra, G. Sorrentino, C. Caltagirone, The neuroprotective effects of experience on cognitive functions: evidence from animal studies on the neurobiological bases of brain reserve, *Neuroscience* (2017), doi: <http://dx.doi.org/10.1016/j.neuroscience.2017.07.065>

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.



**The neuroprotective effects of experience on cognitive functions: evidence from animal studies on the neurobiological bases of brain reserve**

Francesca Gelfo<sup>a,b,\*</sup>, Laura Mandolesi<sup>a,c</sup>, Laura Serra<sup>a</sup>, Giuseppe Sorrentino<sup>c,d</sup>, Carlo Caltagirone<sup>a,b</sup>

<sup>a</sup> IRCCS Fondazione Santa Lucia, Rome, Italy

<sup>b</sup> Department of Systemic Medicine, University of Rome “Tor Vergata”, Rome, Italy

<sup>c</sup> Department of Movement Sciences and Wellbeing, University “Parthenope”, Naples, Italy

<sup>d</sup> Istituto di diagnosi e cura Hermitage Capodimonte, Naples, Italy

\* Corresponding author:

Francesca Gelfo, PhD

University of Rome “Tor Vergata”

Department of Systemic Medicine

IRCCS Fondazione Santa Lucia

Department of Clinical and Behavioural Neurology

*Postal address:* Via del Fosso di Fiorano 64, 00143, Rome, Italy

*Telephone number:* 0039 0650170 3149

*Fax number:* 0039 0650170 3324

*E-mail address:* f.gelfo@hsantalucia.it

Download English Version:

<https://daneshyari.com/en/article/8841126>

Download Persian Version:

<https://daneshyari.com/article/8841126>

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