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#### Research report

Transcranial near-infrared photobiomodulation attenuates memory impairment and hippocampal oxidative stress in sleep-deprived mice

Farzad Salehpour, Fereshteh Farajdokht, Marjan Erfani, Saeed Sadigh-Eteghad, Siamak Sandoghchian Shotorbani, Michael R Hamblin, Pouran Karimi, Seyed Hossein Rasta, Javad Mahmoudi

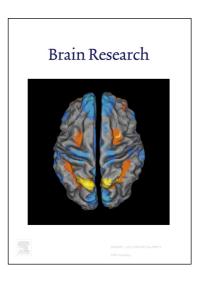
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## **ACCEPTED MANUSCRIPT**

# Transcranial near-infrared photobiomodulation attenuates memory impairment and hippocampal oxidative stress in sleep-deprived mice

Short title: Photobiomodulation improves memory in sleep-deprived mice

Farzad Salehpour <sup>a,b</sup>, Fereshteh Farajdokht <sup>a</sup>, Marjan Erfani <sup>a,c</sup>, Saeed Sadigh-Eteghad <sup>a</sup>, Siamak Sandoghchian Shotorbani <sup>d</sup>, Michael R Hamblin <sup>e,f,g</sup>, Pouran Karimi <sup>a</sup>, Seyed Hossein Rasta <sup>b,h,i</sup>, Javad Mahmoudi <sup>a,\*</sup>

<sup>&</sup>lt;sup>a</sup> Neurosciences Research Center (NSRC), Tabriz University of Medical Sciences, Tabriz, Iran

<sup>&</sup>lt;sup>b</sup> Department of Medical Physics, Tabriz University of Medical Sciences, Tabriz, Iran

<sup>&</sup>lt;sup>c</sup> Higher Academic Education Institute of Rab-Rashid, Tabriz, Iran

<sup>&</sup>lt;sup>d</sup> Immunology Research Center, Tabriz University of Medical Sciences, Tabriz, Iran

<sup>&</sup>lt;sup>e</sup> Wellman Center for Photomedicine, Massachusetts General Hospital, Boston, Massachusetts 02114, United States

f Department of Dermatology, Harvard Medical School, Boston, Massachusetts 02115, United States

<sup>&</sup>lt;sup>g</sup> Harvard-MIT Division of Health Sciences and Technology, Cambridge, Massachusetts 02139, United States

<sup>&</sup>lt;sup>h</sup> Department of Medical Bioengineering, Tabriz University of Medical Sciences, Tabriz, Iran

<sup>&</sup>lt;sup>i</sup> School of Medical Sciences, University of Aberdeen, Aberdeen, United Kingdom

<sup>\*</sup> Corresponding author at: Neurosciences Research Center (NSRC), Tabriz University of Medical Sciences, 5166614756, Tabriz, Iran. Tel.: +984133340730; fax: 984133340730. E-mail address: Mahmoudi2044@yahoo.com (J. Mahmoudi)

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