

RETRACTION

Open Access

RETRACTION: The effect of marathon on mRNA expression of anti-apoptotic and pro-apoptotic proteins and sirtuins family in male recreational long-distance runners

Gabriella Marfe^{1*}, Marco Tafani², Bruna Pucci², Carla Di Stefano¹, Manuela Indelicato², Angela Andreoli³, Matteo Antonio Russo^{2,4}, Paola Sinibaldi-Salimei¹ and Vincenzo Manzi⁵

The authors have retracted the article [1]. Following publication of the article irregularities within the Northern blot figures were brought to the attention of the editors and subsequently confirmed by an investigation by the University of Rome Tor Vergata. We apologize to all affected parties.

Author details

¹Department of Experimental Medicine and Biochemical Sciences, University of Rome "Tor Vergata" Via Montpellier 1, 00133, Rome, Italy. ²Department of Cellular and Molecular Pathology, IRCCS San Raffaele Pisana, Via dei Bonacolsi snc, 00163, Rome, Italy. ³Human Nutrition Unit, University of Rome "Tor Vergata" Via Montpellier 1, 00133, Rome, Italy. ⁴Department of Experimental Medicine, La Sapienza University, Viale Regina Elena 324, 00161, Rome, Italy. ⁵School of Sport and Exercise Sciences, University of Rome Tor Vergata" Via Columbia s.n.c., 00133, Rome, Italy.

Received: 31 October 2013 Accepted: 31 October 2013

Published: 10 January 2014

Reference

1. Marfe G, Marco T, Pucci B, Di Stefano C, Indelicato M, Andreoli A, Russo MA, Sinibaldi-Salimei P, Manzi V: **The effect of marathon on mRNA expression of anti-apoptotic and pro-apoptotic proteins and sirtuins family in male recreational long-distance runners.** *BMC Physiol* 2010, **10**:7.

doi:10.1186/1472-6793-13-13

Cite this article as: Marfe et al.: RETRACTION: The effect of marathon on mRNA expression of anti-apoptotic and pro-apoptotic proteins and sirtuins family in male recreational long-distance runners. *BMC Physiology* 2013 **13**:13.

* Correspondence: gabriellamarfe@libero.it

¹Department of Experimental Medicine and Biochemical Sciences, University of Rome "Tor Vergata" Via Montpellier 1, 00133, Rome, Italy