

RETRACTION

Retraction: Sirtuin-3 modulates Bak- and Bax-dependent apoptosis

Manish Verma, Nataly Shulga and John G. Pastorino

Retraction of: *J. Cell Sci.* (2013) **126**, 274-288

This article has been retracted at the request of the corresponding author, John G. Pastorino.

This notice updates and replaces a recent Expression of Concern, published on 15 February 2016.

Journal of Cell Science was alerted to potential blot duplication and reuse in the following five papers published in Journal of Cell Science by John G. Pastorino:

Sirtuin-3 deacetylation of cyclophilin D induces dissociation of hexokinase II from the mitochondria

Nataly Shulga, Robin Wilson-Smith and John G. Pastorino
J. Cell. Sci. (2010) **123**, 894-902

Ethanol sensitizes mitochondria to the permeability transition by inhibiting deacetylation of cyclophilin-D mediated by sirtuin-3

Nataly Shulga and John G. Pastorino
J. Cell. Sci. (2010) **123**, 4117-4127

GRIM-19-mediated translocation of STAT3 to mitochondria is necessary for TNF-induced necroptosis

Nataly Shulga and John G. Pastorino
J. Cell. Sci. (2012) **125**, 2995-3003

Sirtuin-3 modulates Bak- and Bax-dependent apoptosis

Manish Verma, Nataly Shulga and John G. Pastorino
J. Cell. Sci. (2013) **126**, 274-288

Mitoneet mediates TNF α -induced necroptosis promoted by exposure to fructose and ethanol

Nataly Shulga and John G. Pastorino
J. Cell. Sci. (2014) **127**, 896-907

These concerns were relayed to Dr Pastorino, the corresponding author, who responded with an explanation and original data. Following review of these data, we felt unable to resolve this matter at a distance, so contacted the authors' institution (Rowan University) and requested that they investigate further.

Following their assessment, Rowan University required that Dr Pastorino retract all of the above named papers published in Journal of Cell Science. Dr Pastorino also entered a Voluntary Exclusion Agreement with The Office of Research Integrity (ORI); the agreement can be found here: <http://ori.hhs.gov/content/case-summary-pastorino-john-g>.

ORI found that Dr Pastorino intentionally falsified and/or fabricated data and, specifically, that he "duplicated images, or trimmed and/or manipulated blot images from unrelated sources to obscure their origin, and relabelled them to represent different experimental results in:"

- Figures 2A,C; 3B; 5A; 7B; 8A in *J. Cell. Sci.* (2010a), **123**, 894-902.
- Figures 2B; 5A; 6A,B in *J. Cell. Sci.* (2010b), **123**, 4117-4127.
- Figures 1A; 2A,B; 4C; 5A,B; 6A; 7A-C in *J. Cell. Sci.* (2012) **125**, 2995-3003.
- Figures 4F; 5H; 6A in *J. Cell. Sci.* (2013) **126**, 274-288.
- Figures 1B; 2B,C; 3A,B; 4D in *J. Cell. Sci.* (2014) **127**, 896-907.