# Corrigendum: the role played by mitochondria in fcϵri-dependent mast cell activat...

Health & Medicine

A Corrigendum on

The Role Played by Mitochondria in FcεRI-Dependent Mast Cell Activation

*By Chelombitko MA, Chernyak BV, Fedorov AV, Zinovkin RA, Razin E and Paruchuru LB (2020). Front. Immunol. 11: 584210. doi: 10. 3389/fimmu. 2020. 584210*

In the original article, there was an error. The statement that mitochondrial ROS inhibit the activity of NEMO is wrong. Mitochondrial ROS are crucial for the activation of the IKK-NEMO complex.

A correction has been made to the sectionThe Role Played by Mitochondria in the FcεRI-Dependent Mast Cell Activation, subsectionMitochondrial ROS, paragraph 6. The correct paragraph appears below.

Mitochondrial ROS can stimulate NF-κB signaling by activating the kinase (IKK) of the inhibitor of NF-κB (IκB), which promotes its proteasome degradation and induces nuclear translocation of NF-κB ( 81 , 84 ). Mitochondrial ROS-dependent activation of IKK can be mediated by several mechanisms, including the formation of intermolecular disulfide bonds in NF-κB essential modulator (NEMO), a component of the IKK complex ( 85 ).

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

## References

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