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*Corrigendum*

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# The impairment of HCCS leads to MLS syndrome by activating a non-canonical cell death pathway in the brain and eyes

Alessia Indrieri, Ivan Conte, Giancarlo Chesi, Alessia Romano, Jade Quartararo, Rosarita Tatè, Daniele Ghezzi, Massimo Zeviani, Paola Goffrini, Ileana Ferrero, Paola Bovolenta & Brunella Franco

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In the above article, holo-cytochrome c-type synthase was used instead of holocytochrome c-type synthase, the official gene name. This error occurs in three places in the text and the correct sentences should read:

In the abstract:
Now we provide the evidence that non-canonical mitochondrial-dependent apoptosis explains the phenotype of microphthalmia with linear skin lesions (MLS), an X-linked developmental disorder caused by mutations in the holocytochrome c-type synthase (HCCS) gene.

In the introduction:
HCCS is a highly conserved gene from fungi to metazoans and encodes a mitochondrial holocytochrome c (Cytc)-type synthase, also known as 'heme lyase', located on the outer surface of the inner mitochondrial membrane (Schaefer *et al*, 1996; Schwarz & Cox, 2002).

In 'The paper explained' section:
We demonstrate that inactivation of holocytochrome c-type synthase (HCCS), a transcript important for the mitochondrial respiratory chain (MRC), is associated with unconventional activation of caspase-9 in the mitochondria triggered by MRC impairment and overproduction of reactive oxygen species.