



Correction to: Mitochondrial Modulation by Dichloroacetate Reduces Toxicity of Aberrant Glial Cells and Gliosis in the SOD1G93A Rat Model of Amyotrophic Lateral Sclerosis

Laura Martínez-Palma^{1,2} · Ernesto Miquel^{1,2} · Valentina Lagos-Rodríguez^{1,2} · Luis Barbeito³ · Adriana Cassina^{2,4} · Patricia Cassina^{1,2}

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The authors would like to correct the following errors:

In Methods section, subsection Respirometry studies:

The statement in parentheses “(oligo-inhibited flux–AA-inhibited flux)” should be deleted

The calculation of the RCR is wrong. The text “mitochondrial oligo-inhibited OCR / maximal mitochondrial respiratory capacity OCR” should be changed to “maximal mitochondrial respiratory capacity OCR / mitochondrial oligo-resistant respiration rate (H+ leak)”.

In Results section

In Fig.2a, bottom panel: the equation in the square “RCR = MRR / ATPP” is incorrect; it should be changed to “RCR = MRR / H+ leak”.

Table 2 is corrected below.

The interpretation of the results and conclusions in the paper are not changed

Table 2 Effects of DCA on respiratory parameters

Parameter	Value ± SEM (pmol/ml·s)		P	T	significance level
	Ctrl	DCA			
Basal	59.4 ± 8.42	73.1 ± 0.63	.1777	1.090	ns
H+ leak	25.9 ± 5.37	28.4 ± 0.49	.3207	0.516	ns
ATPP	38.5 ± 6.92	44.7 ± 0.67	.0882	1.761	ns
MRR	47.1 ± 9.51	96.1 ± 4.40	.0194	3.522	*
SRC	26.7 ± 14.05	41.7 ± 9.42	.0373	2.686	*
RCR	2.0 ± 0.34	2.74 ± 0.31	.0018	8.311	**

Basal = basal OCR, H+ leak = proton leak (mitochondrial oligo-resistant respiration OCR), ATPP = ATP production-linked OCR (oligomycin sensitive mitochondrial OCR) MRR = maximum respiratory rate (maximum FCCP induced mitochondrial OCR), SRC = spare respiratory capacity (MRC minus basal mitochondrial OCR). *n* = 4, *df* = 3, *ns* = non-significant **p* < 0.05, ***p* < 0.01

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✉ Laura Martínez-Palma
lmartinezpalma07@gmail.com

✉ Patricia Cassina
pcassina@fmed.edu.uy

¹ Departamento de Histología y Embriología, Facultad de Medicina, Universidad de la República, Montevideo, Uruguay

² Centro de Investigaciones Biomédicas (CEINBIO), Facultad de Medicina, Universidad de la República, Montevideo, Uruguay

³ Institut Pasteur de Montevideo, Montevideo, Uruguay

⁴ Departamento de Bioquímica, Facultad de Medicina, Universidad de la República, Montevideo, Uruguay

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