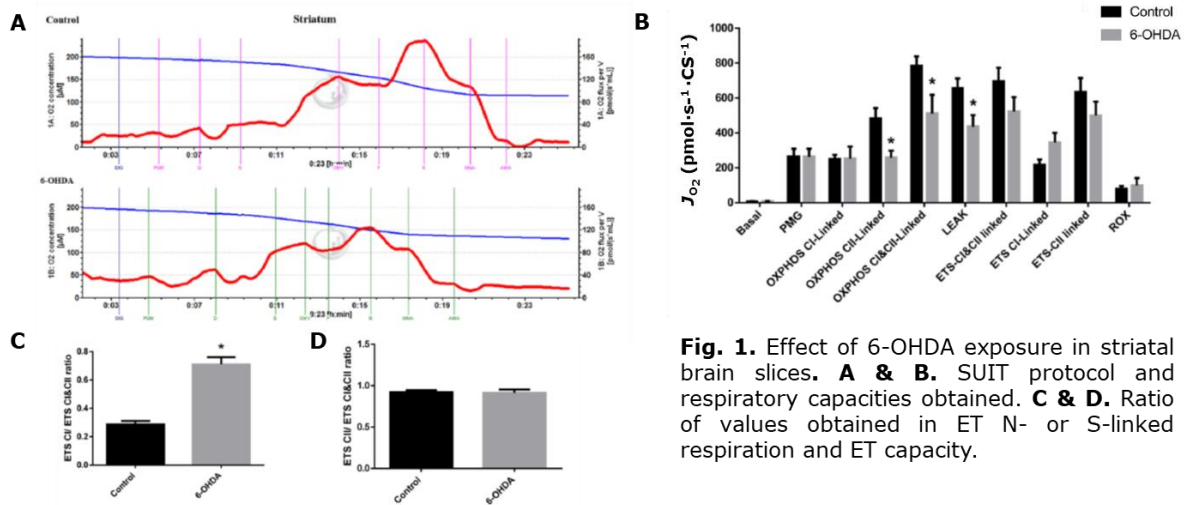


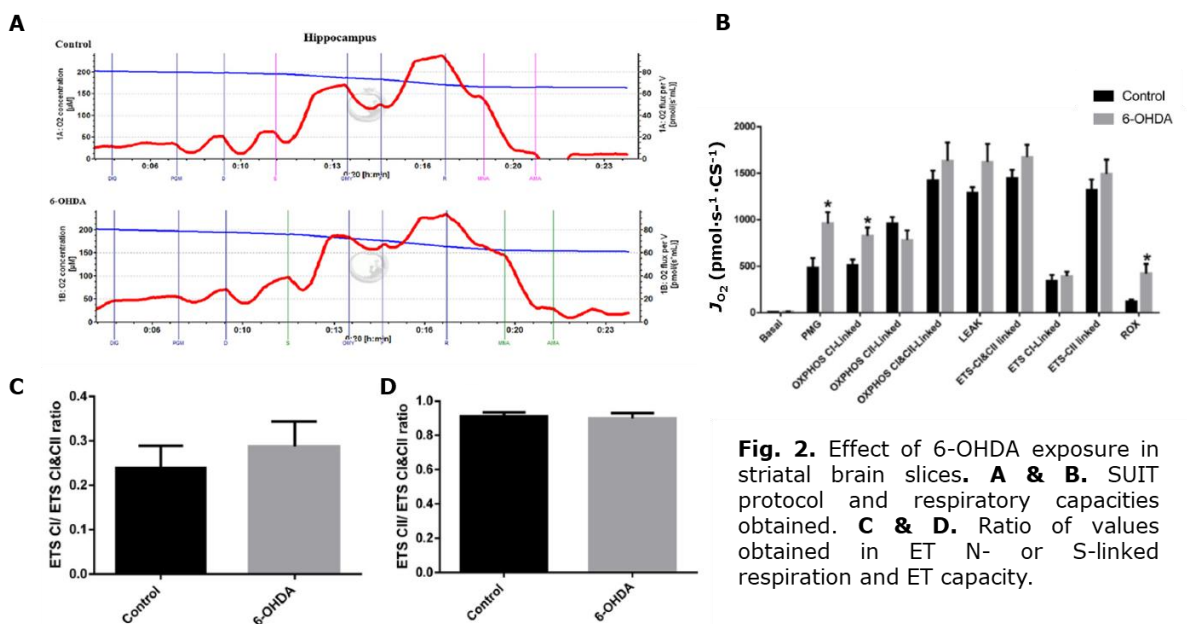
**6-Hydroxydopamine induces different mitochondrial bioenergetics response in brain regions of rat**

Débara F. Gonçalves<sup>a</sup>, Aline A. Courtes<sup>a</sup>, Diane D. Hartmann<sup>a</sup>, Pamela C. da Rosa<sup>a</sup>, Débara M. Oliveira<sup>a</sup>, Félix A.A. Soares<sup>a</sup>, Cristiane L. Dalla Corte<sup>a,b,\*</sup>

**6-OHDA toxicity and mitochondrial bioenergetics in striatum slides**



**6-OHDA toxicity and mitochondrial bioenergetics in cortex slides**



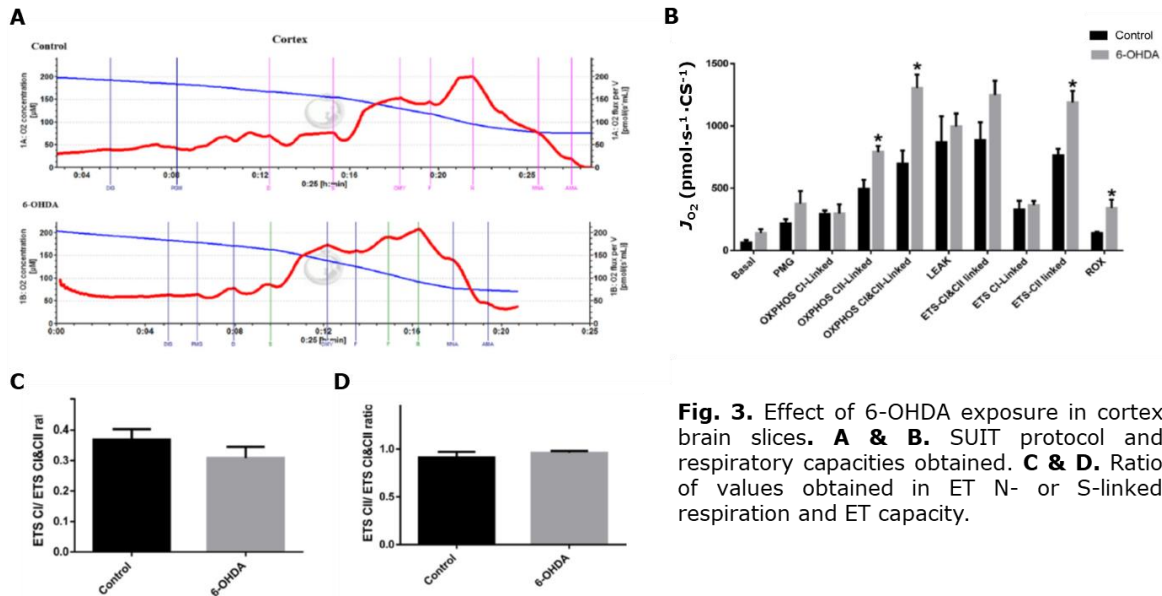
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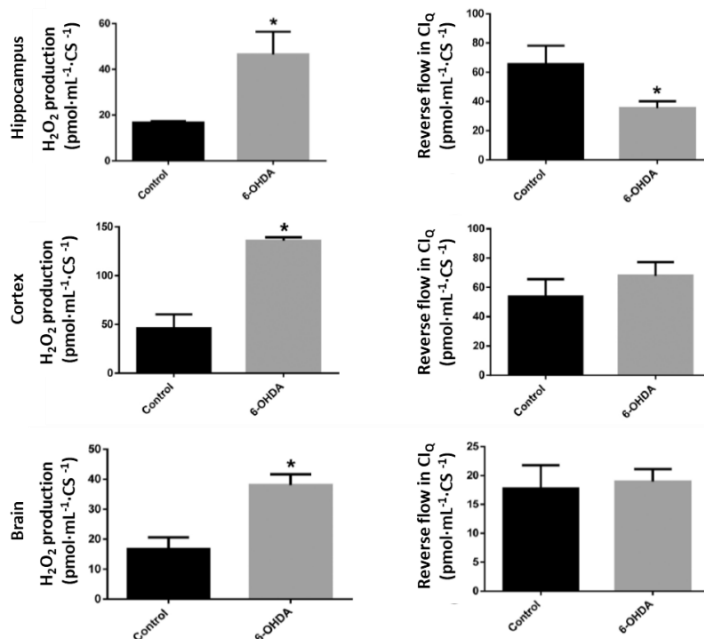
Supported by project NextGen-O2k which has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 859770



## 6-OHDA toxicity and mitochondrial bioenergetics in cortex slides



## Mechanism of ROS production in brain slices in presence of 6-OHDA



## The toxicity of 6-OHDA over mitochondrial bioenergetics presents a differential response depending on the cerebral region studied

Reference: Gonçalves DF, Courtes AA, Hartmann DD, da Rosa PC, Oliveira DM, Soares FAA, Dalla Corte CL (2018) 6-Hydroxydopamine induces different mitochondrial bioenergetics response in brain regions of rat. *Neurotoxicology* 70:1-11.

Text slightly modified based on the recommendations of the COST Action MitoEAGLE CA15203. [Doi:10.26124/mitofit:190001.v5](https://doi.org/10.26124/mitofit:190001.v5)

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