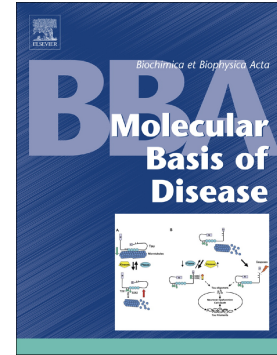


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**Short-term fructose ingestion affects the brain independently from establishment of metabolic syndrome**

**Alberto Jiménez-Maldonado<sup>1</sup>, Zhe Ying<sup>1</sup>, Hyae Ran Byun<sup>1</sup>, and Fernando Gomez-Pinilla<sup>1,2\*</sup>**

<sup>1</sup>Department of Integrative Biology & Physiology, UCLA, Los Angeles, USA. <sup>2</sup>Department of Neurosurgery, UCLA Brain Injury Research Center, Los Angeles, USA.

Corresponding author:

\*Fernando Gomez-Pinilla, Department of Integrative Biology and Physiology, University of California Los Angeles (UCLA), 621 Charles E. Young Drive South, Los Angeles, CA 90095, USA. Email: [fgomezpi@ucla.edu](mailto:fgomezpi@ucla.edu)

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<sup>1</sup> **Abbreviations:** COX2, Cytochrome c oxidase subunit II; GAP 43, growth-associated protein 43; GFAP, Glial fibrillary acidic protein; GLUT, glucose transporter; Iba 1, Ionized calcium binding adaptor molecule 1; KHK, ketohexokinase; MBP, Myelin Protein Basic; MetS, metabolic syndrome; NAFLD, non-alcoholic fatty liver disease NeuN, Neuronal Nuclei; PGC1 $\alpha$ , peroxisome proliferator-activated receptor gamma coactivator-1 alpha.

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