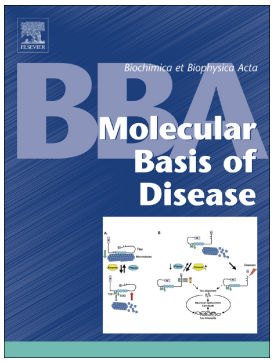

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Short-term fructose ingestion affects the brain independently from establishment of metabolic syndrome

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[1]

[1] **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; PGC1α, peroxisome proliferator-activated receptor gamma coactivator-1 alpha.