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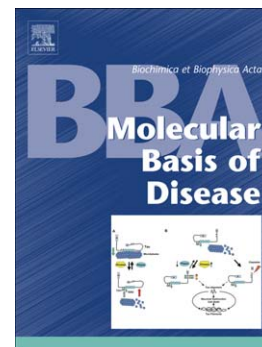
Worsening of memory deficit induced by energy-dense diet in a rat model of early-Alzheimer's disease is associated to neurotoxic A β species and independent of neuroinflammation

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Worsening of memory deficit induced by energy-dense diet in a rat model of early-Alzheimer's disease is associated to neurotoxic A β species and independent of neuroinflammation.

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Abbreviations: 3-TyrNO₂, 3-Nitrotyrosine; A β N3(pE), Pyroglutamate-A β ; iA β , Intraneuronal A β ; BBB, Blood-brain barrier; BHI, Bioenergetic Health Index; CRTC, CREB-regulated transcription coactivator; IDE, Insulin degrading enzyme; IR, Insulin resistance; MetS, Metabolic syndrome; OCR, Oxygen consumption rate; PGC-1 α , PPAR γ coactivator 1 α ; SD, Standard diet; Sirt1, Sirtuin 1; SO, stratum oriens; SOD, Superoxide dismutase; SP, stratum pyramidale; SRC, Spare respiratory capacity; T2DM, Type 2 diabetes mellitus; WAT, White adipose tissue; WD, Western diet.

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