

Title (en)
METHODS AND COMPOSITIONS FOR PROTECTING AGAINST NEUROTOXIC AGENTS

Title (de)
VERFAHREN UND ZUSAMMENSETZUNGEN ZUM SCHUTZ GEGEN NERVENGIFTE

Title (fr)
MÉTHODES ET COMPOSITIONS DE PROTECTION CONTRE DES AGENTS NEUROTOXIQUES

Publication
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Application
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Abstract (en)
[origin: WO2011137317A1] Provided are methods for protecting against or reducing neurotoxicity of exposure to a neurotoxic agent, comprising administering an electrokinetically altered aqueous fluid as provided herein in an amount sufficient to provide for neuroprotection against the neurotoxic agent, preferably where protecting against or reducing loss of motor coordination in the subject exposed to the neurotoxin is afforded. In certain aspects, protecting or reducing neurotoxin-mediated neuronal apoptosis is afforded, and/or activating or inducing at least one of PI-3 kinase and Akt phosphorylation in neurons is afforded. Preferably, administering the fluid comprises administering the fluid prior to exposure to the neurotoxic agent. Additionally provided are methods for preserving or improving motor coordination in a subject having a neurodegenerative condition or disease, comprising administering an electrokinetically altered aqueous fluid as provided herein in an amount sufficient to provide for preserving or improving motor coordination in the subject.

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