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## Novel Aspects Of Neuroprotection

**new approaches to neuroprotective drug development** - new approaches to neuroprotective drug development marc fisher, md abstract—all prior drug development programs of neuroprotective agents were unsuccessful for a variety of reasons related to both preclinical assessment and the design/implementation of clinical trials. **meeting report open access neurovascular pathophysiology ...** - in addition, neurobiochemical aspects of neuroprotection, the role of astrogliosis, the clinical progress of cell-based approaches as well as translational hurdles and opportunities were discussed in-depth. this review summarizes some of the most stimulating discussions and reports from the meeting. ... seeing is believing: novel approaches in ... **progesterone for neuroprotection in pediatric traumatic ...** - multiple mechanisms of neuroprotection that could be very important after pediatric tbi, such as reducing cerebral edema, as well as anti-inflammatory, antioxidant, antiapoptotic, and antiexcitatory properties. this review will highlight progress to date in using progesterone for neuroprotection after tbi and will discuss unique features of **profile of anticonvulsant activity and neuroprotective ...** - profile of anticonvulsant activity and neuroprotective effects of novel and potential antiepileptic drugs - an update karolina stêpień<sup>1</sup>, micha<sup>3</sup> tomaszewski<sup>1</sup>, stanis<sup>3</sup>aw j. czuczwar<sup>1,2</sup> !"#! \$ % !"#&! ' ( ) " \* +, ( abstract: although neuroprotection is effective only against certain aspects of a complex cascade of pathological events ... **neuroprotection by cannabinoids in neurodegenerative diseases** - neuroprotection by cannabinoids in neurodegenerative diseases ... which supports the idea of developing novel pharmacotherapies with compounds that selectively target specific elements of the cannabinoid system. ... neuropathological aspects of ad are senile plaques (sp), neurofibrillary **prophylaxis against nerve agent toxicity: physiological ...** - prophylaxis against nerve agent toxicity: physiological, behavioral, and neuroprotection of current and novel treatments 16 - 2 rto-mp-hfm-149 this work was supported by the u.s. army defense threat reduction agency (contract # hdtra1-04-c-0041). 1.0 introduction **neuro-protection after traumatic brain injury: novel ...** - neuro-protection after traumatic brain injury: novel strategies. alok singh<sup>1</sup>, parag sharma<sup>2</sup>, suryaprakash mishra<sup>3</sup> 1 department of pharmacology, g. r. medical college , gwalior, 474001madhya pradesh india. 2department of pharmacology, peoples college of medical sciences, bhopal madhya pradesh 462037 india.. **lack of neuroprotective effects by platelet-derived growth ...** - oligomers, but also led to a novel hypothesis that a $\beta$  1-42 oligomer may interfere with neurotrophic factor induced neuronal survival, either selectively or perhaps globally. further exploration on this hypothesis will be able to shed light on this potentially novel mechanism of pathogenesis in alzheimer's disease. **neuroprotection in glaucoma - springer** - aspects of this topic. in the following paragraphs, a brief introduction to each of the articles is provided. molecular approaches for neuroprotection in glaucoma neurotrophic molecules promote survival and differentia-tion of neurons. accordingly, the application of such mole-cules has been shown to be very effective in preventing **safety and optimal neuroprotection of neu2000 in acute ...** - neu2000 (a derivative of sulfasalazine) is a novel, multi-target neuroprotectant that combines modest (mi-cromolar) nr2b subtype-selective blockade of nmda ... (aspects), definite proximal artery occlusion, and collateral status on base- ... and optimal neuroprotection of neu2000 in acute ischemic stroke with **collaterals in acute ischemic stroke - mcnderbilt** - baseline aspects was  $\leq 7$  in 83/166 (50%) cases baseline aspects score  $\leq 7$  was unrelated to age, gender, or any other clinical parameter other than nihss score (median 19 (17-23) vs. 17 (13- 20) for aspects  $> 7$ , p