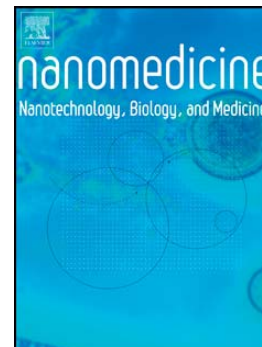


## Accepted Manuscript

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**Uptake of dendrimer-drug by different cell types in the hippocampus after hypoxic-ischemic insult in neonatal mice: effects of injury, microglial activation and hypothermia**

Christina L. Nemeth,<sup>a,b</sup> Gabrielle T. Drummond,<sup>a</sup> Manoj K. Mishra,<sup>c</sup> Fan Zhang,<sup>c</sup> Patrice Carr,<sup>a</sup> Maxine S. Garcia,<sup>a</sup> Sydney Doman,<sup>a</sup> Ali Fatemi,<sup>a,b</sup> Michael V. Johnston,<sup>a,b</sup> Rangaramanujam M. Kannan,<sup>a,c</sup> Sujatha Kannan,<sup>\*a,d</sup> and Mary Ann Wilson<sup>\*a,b,e</sup>

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Competing interests: RMK and SK are co-founders and shareholders of Ashvattha Therapeutics, LLC and Orpheris Inc., which are working towards the commercial translation of the dendrimer platform technologies. The Johns Hopkins University and Kennedy Krieger Institute have applied for patents related to the present work in which RMK, SK, MKM, FZ, AF, MVJ and MAW are inventors.

Prior presentation of abstracts regarding this research: Society for Neuroscience Annual Meeting and Baltimore Chapter Meeting 2015, Pediatric Academic Societies Meeting 2015, Hershey Conference on Developmental Brain Injury 2016

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