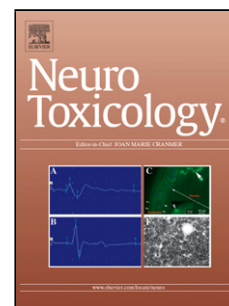


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Neurite Outgrowth in Human Induced Pluripotent Stem Cell-Derived Neurons as a High-throughput Screen for Developmental Neurotoxicity or Neurotoxicity

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Abstract

Due to the increasing prevalence of neurological disorders and the large number of untested compounds in the environment, there is a need to develop reliable and efficient screening tools to identify environmental chemicals that could potentially affect neurological development. Herein, we report on a library of 80 compounds screened for their ability to inhibit neurite outgrowth, a process by which compounds may elicit developmental neurotoxicity, in a

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