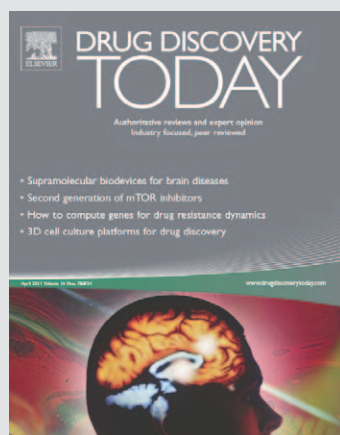


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**Cover Story**

The leading story of this issue of *Drug Discovery Today*, by Donatella Paolino, Donato Cosco, Roberto Molinaro, Christian Celia and Massimo Fresta discusses how the blood-brain barrier restricts uptake of potentially useful molecules into the brain, thus reducing their beneficial effects. They critically examine how this obstacle can be overcome by the use of supramolecular nanodevices. They review their advantages such as their biocompatibility, potential for non-invasive bridging and ability to improve the biopharmaceutical properties of encapsulated compounds.

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