Neurotransmitters in Biopolymers Stimulate Nerve Regeneration

December 11, 2007

Research reported Dec. 11 in the journal *Advanced Materials* describes a potentially promising strategy for encouraging the regeneration of damaged central nervous system cells, known as neurons. The technique would use a biodegradable polymer containing a chemical group that mimics the neurotransmitter acetylcholine to spur the growth of neurites, which are projections that form the connections among neurons and between neurons and other cells. [Full story]

Source
Georgia Institute of Technology Research News

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