Treating Alzheimer’s Disease by blocking TGF-β signaling

OCR Number: OCR 5007

Description:

- Blocking the transforming growth factor-β (TGF-β) pathway in peripheral macrophages can significantly clear up β-amyloid plaques in brain.

- These results provide the basis for a novel therapeutic intervention for Alzheimer’s disease by blockade of TGF-β-Smad2/3 signaling in peripheral macrophages.

- Blockade of TGF-β works peripherally without the need to enter the brain and thereby overcoming the blood-brain barrier roadblock.

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Publications:


http://www.sciencedaily.com/releases/2008/05/080530132216.htm

http://news.bbc.co.uk/2/hi/health/7427541.stm
Licensing Contact: Hong Peng
hong.peng@yale.edu