Treating Alzheimer’s Disease by blocking TGF-\(\beta\) signaling

OCR Number: OCR 5007

Description:

- Blocking the transforming growth factor-\(\beta\) (TGF-\(\beta\)) pathway in peripheral macrophages can significantly clear up \(\beta\)-amyloid plaques in brain.
- These results provide the basis for a novel therapeutic intervention for Alzheimer’s disease by blockade of TGF-\(\beta\)-Smad2/3 signaling in peripheral macrophages.
- Blockade of TGF-\(\beta\) works peripherally without the need to enter the brain and thereby overcoming the blood-brain barrier roadblock.

Published/Issued Patents:

- U.S. Pub. App. No. 20110136892

Publications:


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

http://news.bbc.co.uk/2/hi/health/7427541.stm
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