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Beta Amyloid: Synaptic Regulation and Dysregulation

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Message from the Guest Editors

The approval of Aducanumab and the confirmation of the anti-amyloid strategy against Alzheimer's disease strongly support the need for new research focused on the role of beta-amyloid in central nervous system homeostasis. Antibody-related treatment, alongside an efficacy dispute, provokes interesting side effects such as "amyloid-related imaging abnormalities" (ARIA) and vascular consequences. Other side effects occurring at the synaptic level could be masked by disease derangement. In our mind, all scientific reports (positive and negative results) in this field are fundamental to improve the efficacy and sustainability of this therapeutic approach. This Special Issue highlights the most recent research based on functional or pathological effects of beta-amyloid and/or neutralizing antibodies on CNS homeostasis.

beta amyloid aducanumab amyloid neutralizing antibodies ARIA Alzheimer's disease synaptic modulation







IMPACT FACTOR 4.7





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Message from the Editor-in-Chief

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