

Special Issue

Drug Discovery and Development Targeting NMDA Receptors

Message from the Guest Editor

Excitement in the NMDA receptor antagonist field was rekindled by the USA FDA approval of Memantine for the treatment of Alzheimer's disease in 2003. This special issue is a follow on of our special issue of a decade ago titled "NMDA Receptor Antagonists for the Treatment of CNS Disorders" in this journal. As predicted then, there have been several positive developments in the field and thus a revised look is warranted. An example is the approval of NMDAR antagonist ketamine for treatment resistant depression. It represents a new mechanism for treatment of depression in over 3 decades. Another antagonist, Dextromethorphan has been approved for depression. Other NMDAR antagonists are being examined for treatment of pain. While all glutamate receptors are possible drug targets, the NMDA receptor has been particularly attractive for many reasons, including feasibility and possible options of use. The goal of this special issue is to examine progress in, current and future prospects in CNS drug discovery through this receptor. Prof. Dr. Adeboye Adejar

Guest Editor

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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