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Allosteric modulation of cholinergic system: Potential approach to treating cognitive deficits of schizophrenia

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Shaun Hopper, Madhara Udawela, Elizabeth Scarr, Brian Dean

Abstract

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Schizophrenia is a psychiatric disorder affecting approximately 1% of the population worldwide and is characterised by the presence of positive and negative symptoms and cognitive deficits. Whilst current therapeutics ameliorate positive symptoms, they are largely ineffective in improving negative symptoms and cognitive deficits. The cholinergic neurotransmitter system heavily influences cognitive function and

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