



## Obsessive–Compulsive Disorder: Latest Advances and Prospects

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### Message from the Guest Editors

OCD is characterized by an aberrant activity of the cortico-striato-thalamocortical pathway and the reward circuitry. An increasing amount of brain imaging studies in OCD are however indicating that the areas or networks affected by both structural and functional alterations are not restricted to regions of this pathway, and while some studies point to relatively complex and rather extensive changes in brain structure and function in patients with OCD, meta- and mega-analyses brought about by, e.g., the ENIMGA consortium illustrate alterations in a number of clearly delineated core regions.

Evidence for the therapeutic efficacy of tDCS and deep brain stimulation, usually targeting one or few selected core regions, demonstrates the relevance of specific areas for the psychopathology of the disorder. Hence, further research is needed to improve our understanding of the underlying neurobiological mechanisms, thus enabling us to develop more effective treatment strategies.

This Special Issue will present recent advances and prospects in OCD research, focusing on brain research seeking to improve our understanding of the cerebral characteristics of the disorder.





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