Pharmacological treatment of obsessive-compulsive disorder: latest advancements and future directions

Aims & Scope:

The aim and the scope of this special issue is to represent an exhaustive and comprehensive review on the current treatment of OCD, a quite common psychiatric disorder that has been recently considered a distinct nosological category. The pharmacological treatment of OCD is still mainly based on the serotonin hypothesis of the disorder that, although important, it is now evident that cannot fully explain the complexity of this condition. Therefore, there is an urgent need of novel pathophysiological data, reliable animal models, still very limited, as well as innovative pharmacological targets. Emphasis will be given also to the problem of treatment resistance and chronicity of a large portion of OCD patient, as well as on current and new strategies to overcome this issue.

Subtopics:

1. Current pharmacological strategies for OCD
2. Animal and biological models of OCD
3. Novel biological hypotheses
4. Immune system, cytokines and OCD
5. Drug resistance and its pharmacological manegement
6. Novel treatment options
7. The future of OCD treatment

Keywords: OCD, animal models, transcultural factors, antiobsessional drugs, immune system, cytokines, treatment resistance, novel drugs, brain stimulation techniques.

Schedule: August 31, 2016