

## Special Issue

# Omics Approaches in Antipsychotic Pharmacology

### Message from the Guest Editor

Antipsychotics are the primary medication class used in treating severe mental illnesses like schizophrenia and bipolar disorder. Their use has expanded to other conditions, including major depressive disorder. Antipsychotics exert effects mainly through the dopamine and serotonin systems; however, they also interact with many other receptor systems. Due to this heterogeneous receptor profile and wide tissue distribution, antipsychotics have many side effects, ranging from movement disorders like extrapyramidal symptoms to metabolic effects such as weight gain and insulin resistance. Significant work has used various “omics” technologies to better understand the mechanisms of antipsychotic efficacy and side effects. This Special Issue invites original research and reviews on antipsychotics and omics technologies. These may include genomics, epigenomics, transcriptomics, proteomics, and metabolomics, covering both targeted and untargeted studies. Submissions may include human or animal investigations with any well-designed study.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

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