

This course will provide an overview of the recent progress in psychiatric genetics and pharmacogenetics, with a particular emphasis on areas that are of relevance to clinical practitioners. We will highlight the clinical utility of microarrays (for copy number variation [CNV] detection) and exome sequencing in neurodevelopmental disorders and discuss the emerging prospects for the use of polygenic risk scores in certain clinical contexts. The course will then shift to the discussion of the use of pharmacogenetics in psychiatric practice utilizing case-based descriptions of where (and where not) pharmacogenetics current may have clinical utility. The course will consist of brief lectures and interactive sessions.