

David Slattery

University Hospital Frankfurt, Department of Psychiatry, Psychosomatics and Psychotherapy, Frankfurt am Main, Germany

Mood and anxiety disorders are among the most common psychiatric illnesses but despite substantial research efforts their underlying aetiology remains poorly elucidated. We focus on Behavioural Neurobiology and in particular animal models and tests to study depression- and anxiety-related disorders. We routinely perform such tests as the elevated plus-maze, light-dark box, forced swim test, fear conditioning, as well as tests of social behaviour in rodents. These tests are complemented with molecular biology techniques including Western Blot and qPCR. Moreover, we also perform stereotaxic surgery to enable intracerebral infusion of relevant compounds into specific brain areas, which necessitates histological confirmation following the experiment. In the two week internship, interested candidates would be able to learn how to perform a number of the aforementioned behavioural tests, as well as possibly observing stereotaxic surgery, statistical analyses and participate in the journal clubs.