

**Molecular Postdoctoral Position
(Icahn School of Medicine Mount Sinai)**

A **molecular postdoctoral** position is available in the laboratory of Dr. Yasmin Hurd at the Icahn School of Medicine at Mount Sinai in New York within the Departments of Psychiatry, Neuroscience and Pharmacological Sciences. NIH-funded research is directed towards molecular neurobiological studies of drug addiction and related psychiatric disorders. A major emphasis of the research is on epigenetic contributions to drug addiction and current efforts focus on heroin and cannabis use disorders.

Candidates should have a strong background in molecular biology, genetics, cell biology and/or protein biochemistry. S/He will be responsible for carrying out high-throughput transcriptomic and epigenomic studies using tissue obtained from postmortem brain specimens of human drug abusers and animal models of addiction. Data from genetic screening of human drug abuse populations are also integrated with gene expression and epigenetic datasets. Experience in gene regulatory mechanisms (transcriptional and epigenetic) including proficiency with general molecular techniques such as quantitative PCR, RNA-sequencing, chromatin immunoprecipitation is essential. In addition to strong experimental and theoretical knowledge, good organizational, writing and communication skills are also important.

Requirements: PhD; good English verbal and written skills.

Contact: Send CV and three references to Dr. Yasmin Hurd, Email: Yasmin.hurd@mssm.edu.