



NIDDK P30 Center for Molecular Studies in Digestive and Liver Diseases Research Seminar



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"The Role of Chromatin in Neuronal Function and Disease"

Thursday, January 12, 2023

12:00 – 1:00 PM EST

901 Biomedical Research Building

The **Korb** lab works at the intersection of neuroscience and epigenetics. Epigenetic regulation is extremely important in neuronal function and contributes to the creation of new memories, our ability to adapt to our environment, and numerous neurological disorders. We try to understand how the world around us can influence gene expression in our neurons to allow us to learn, adapt, and become the people we are today.

In the lab, we focus on chromatin and its role in neuronal function. Chromatin is the complex of DNA and proteins called histones, which package our DNA into complex structures and control access to our genes. To study the role of histones in neuronal function and in disorders such as autism, we combine methods such as microscopy, bioinformatics, biochemistry, behavioral testing, and more. We have multiple areas of research in the lab, all focused on the study of chromatin and how it regulates neuronal function and neurodevelopmental disorders.

The meeting will start promptly at 12:00 pm. Please be on time.