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# Imaging Synapse and Neural Circuit in Development and Diseases

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In this talk, the speaker will present two examples of psychiatric disorder mouse models analyzed using advanced imaging techniques. The first focuses on a successful example of identifying structural features of schizophrenia, and the second demonstrates how the impaired population activity of specific neurons is affected in response to oddball sound stimuli. This impairment could be a potential biomarker similar to a known auditory trait in schizophrenia patients. Further research into these impairments may help us understand how changes in brain circuits relate to altered auditory processing in people with psychiatric disorders.

R6.6.25  
16:40-18:10  
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