University of Rochester Cognitive Neurophysiology Lab
Principal Investigator: John Foxe, PhD

Research in the Cognitive Neurophysiology Lab (CNL) focuses on how the brain processes sounds and language using EEG. EEG is a non-invasive tool used to measure electrical activity on the scalp produced by neurons firing in the brain. The CNL research on Batten disease examines how individuals with Batten disease recognize differences from a pattern of sounds (i.e., sensory memory). This is done by using EEG to measure the brain's electrical response to sounds played frequently vs. infrequently.

This study is actively enrolling and is open to individuals of all NCL types (all forms of Batten disease). Research activities will take place at the 2026 BDSRA Foundation meeting in Chicago, IL from Thursday July 9, 2026 to Sunday July 12, 2026.

Study details:

- Individuals of all types of Batten disease can participate
- The length of the time to complete the study takes about 2 hours
- ***Limited funding is offered to cover hotel room costs for families on Wednesday July 8, 2026**** (*applies only if families schedule a visit with the UR CNL before the conference starts on Thursday July 9th).

Please contact *Erin Bojanek* at *erin_bojanek@urmc.rochester.edu* to hear more about the research project and to make an appointment for your child to be seen.