Protocol Title: **Sleep dysfunction in children with pathogenic SYNGAP1 mutations**

Children diagnosed with SYNGAP1 mutations are often reported to have sleep disorders. However, there is no clear understanding of the macro-, micro-sleep architecture and EEG spectral power anomalies that underlie such dysfunction. Such spectral power anomalies could also underlie the intellectual disabilities consistently reported for SYNGAP1 since memory consolidation and learning are known to heavily depend on the stability of NREM and REM cycles during sleep.

Application No.: **IRB00183481**

Principal Investigator: **Shilpa Kadam, PhD**

Please Fax or Mail Completed Consent Form and EEG Sleep Study Recording to the Number or Address Below:

- Work: **614-440-3811**
- Fax: **443-923-2695**

- **Address:** Atten: Dr. Shilpa Kadam  
  707 N. Broadway, 400H