



"Immune Functioning and Social Reward Processing in Autism"
IRB#22-1767

The purpose of this research study is to investigate the relationship between neural response to rewards, inflammation, autistic traits, and quality of life in adults, ages 18-40. Participants will include healthy autistic and typically-developing adults without current immune-related or neurological conditions.

What is involved?

Study participation includes a clinical characterization visit (including a brief cognitive and autism assessment, if applicable), study questionnaires, and one electroencephalography (EEG) recording session at the Carolina Institute of Developmental Disabilities (CIDD). While wearing an EEG cap that measures cortical electrical activity at the scalp, you will complete two tasks, including one focusing on reward processing. You will also provide a small blood sample at the Clinical and Translational Research Center (CTRC).

Where will the study take place? How long will it take?

Your EEG session will take place at the CIDD, and your blood draw appointment will take place at the CTRC. Your participation will last approximately 3-4 hours, and you will receive \$70-80 in compensation, depending on your performance on one of the study tasks. If you join the optional sub-study, you will also earn up to \$70 for providing some dried urine samples.

How do I get involved? Who do I contact?

Please contact Kaitlin Cummings for more info!

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Thank you for your continued support of our research!

For questions or concerns about your rights as a research subject, please contact the Institutional Review Board at 919-966-3113 or by email to IRB_subjects@unc.edu