The Weill Cornell Autism Research Program (WCARP) is a multi-institutional collaborative effort committed to advancing our knowledge of Autism Spectrum Disorders (ASD). Our mission is to gain a better understanding of the neurobiological basis of ASD, and to support development of new diagnostic markers and treatments for patients with autism.

Research Highlights
A study published in eNeuro shows that the death of newborn brain cells may be linked to a genetic risk factor for five major psychiatric diseases, including: schizophrenia, bipolar disorder, autism, ADHD and depression. The study, which has identified a new function for one of the most important genes in psychiatric illness, is led by Anjali M. Rajadhyaksha, Ph.D., WCARP Director, and Andrew A. Pieper, M.D., Ph.D., Professor of Psychiatry at the University of Iowa Carver College of Medicine.

Publications
The Neuropsychiatric Disease-Associated Gene cacna1c Mediates Survival of Young Hippocampal Neurons

L-type Ca(2+) Channels in Mood, Cognition and Addiction: Integrating Human and Rodent Studies with a Focus on Behavioural Endophenotypes

Lack of Association Between Autism and Anti-GM1 Ganglioside Antibody

Markers of Celiac Disease and Gluten Sensitivity in Children with Autism

Serologic Markers of Lyme Disease in Children with Autism

Forebrain Elimination of cacna1c Mediates Anxiety-Like Behavior in Mice
Behavioral Characterization of Cereblon Forebrain-Specific Conditional Null Mice: a Model for Human Non-Syndromic Intellectual Disability


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WCARP News

New Molecular Pathway Underlies Impaired Social Behavior and Anxiety in Neuropsychiatric Disorders (Weill Cornell Medicine, 2017)

Pieper-Rajadhyaksha Press Release (Weill Cornell Medicine, 2016)

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