We are committed to…

… understanding the relationship between a person's genes and neurodevelopmental disorders in order to help patients and families.

The neurodevelopmental disorders we study include autism spectrum disorders, intellectual disability and epilepsy.

Understanding the causes of these disorders may in the future improve the ability to diagnose and treat children with neurodevelopmental disorders.

Interested in learning more?

For more information on our study (HSM#12-00798) or on how to participate go to:

http://pintolab.mssm.edu

We are happy to answer any questions you may have

ndd.project@mssm.edu

(or contact us at 212-824-9065; Tuesdays to Fridays 10:00am to 5:00pm)

Participating Institutions

seaver autism center
for Research & Treatment at Mount Sinai
Committed to Research. Dedicated to Care.

Mount Sinai *The Mindich Child Health and Development Institute*

NeuroDevelopment

Genetics of neurodevelopmental disorders:

Autism, Epilepsy, Developmental Delays, and Intellectual Disabilities

Icahn School of Medicine at Mount Sinai

What are we studying?

Neurodevelopmental disorders (NDDs), such as developmental delay, autism, epilepsy, and intellectual disability are frequent in children and can have a genetic basis.

We are interested in learning how genetic changes can affect brain development, and, subsequently, lead to disease. This study will examine similarities and differences in the genes of people with NDDs and their family members.

NDDs can co-occur in the same family or the same person, suggesting that they may be caused by similar or related genetic changes. By mapping both shared and distinct changes we will better understand the biological basis of each disorder.

What is involved?

Subjects and their family members will donate a blood sample, in the same way blood is drawn at a doctor's office.

All samples will be given an anonymous code number, and used only for research purposes. No names or personal information will be linked to the samples.

acss NeuroDevelopment

Why is this important?

In a large percentage of NDDs patients, the genetic changes have not yet been identified.

This study will use your samples for research purposes only, meaning that what we learn from the analysis of an individual's sample has no direct benefit for the individual.

However, by gathering information from many individuals, we hope to learn more about how changes affecting genes can lead to NDDs.

The participation of many individuals with NDDs and their family members is the necessary foundation for making these discoveries.

11/21/2016-11/20/2017
GCO# 12-1490

Who can participate?

- Children and young adults with a diagnosis of intellectual disability and/or autism spectrum disorders and/or epilepsy with *unknown* cause.

- Parents and family members of those with NDDs are eligible to participate whether or not they have NDDs. Research is usually more informative when both parents are enrolled in their child's study.

If I participate, what will I do?

If you agree to participate, a questionnaire will be completed, you will participate in an interview, and donate a blood sample.

Who should I contact?

If you are interested in participating, please call or email us.

Who is the research team?

The Pinto laboratory is a research team led by Dr. Dalila Pinto.

We are located at the:
Icahn School of Medicine at Mount Sinai
Department of Psychiatry
Hess Center for Science and Medicine
1470 Madison Avenue, 8th floor
10029New York City

212-824-9065
Tue to Fri -10:00am-5:00pm