OUR MISSION

GRIN2B Foundation™ is a parent-founded organization dedicated to furthering research on the GRIN2B gene and providing support and education to the small, but growing community of individuals and families impacted by a GRIN2B diagnosis.

Our objectives are to:

FOSTER communication, offer encouragement and provide resources to families.

FACILITATE the development of an international patient registry program.

PARTNER with researchers through fundraising and grants to develop potential treatments and gain a better understanding of a GRIN2B diagnosis.

RAISE the profile of this extremely rare diagnosis through the creation of a public awareness campaign.

CONNECT WITH US

www.grin2b.com

grin2b
grin2bsyndrome
grin2bfoundation

TAKE ACTION!

Join the registries:
We encourage GRIN2B families to take part in various patient registries as more data will help research. Please refer to our website for more information.

Spread Awareness:
Celebrate GRIN2B Awareness Month with us in March!

Please follow our social media pages during this month to learn facts about GRIN2B and get to know our community members! Sharing our Awareness posts will bring visibility and more understanding to this ultra-rare condition.

Fundraise:
We organize fundraisers throughout the year to help support our mission. Please reach out to us for ways to help or if you are interested in organizing your own fundraiser.

Donations:
GRIN2B Foundation maintains minimum operating expenses and our Board of Directors is a group of committed volunteers. Your generous donation brings us one step closer to finding effective treatments and, one day, a cure.

Donations are appreciated online or can be mailed to:
GRIN2B Foundation
PO Box 481223
Niles, IL 60714

GRIN2B Foundation™ is a registered 501(c)3.
Donations are tax deductible. EIN 82-1499966
WHAT IS GRIN2B?

GRIN2B is a gene located on the short arm (called “p”) of the 12th chromosome at 12p13.1. It is one member of a family of 7 genes: GRIN1, GRIN2A, GRIN2B, GRIN2C, GRIN2D, GRIN3A, and GRIN3B. These genes encode proteins that together form a receptor responsible for sending chemical messages between neurons in the brain.

A variation on the GRIN2B gene means that some portion of this specific genetic code either got deleted, duplicated or rearranged which impacts the way the brain functions.

These changes are referred to as GRIN2B-Related Neurodevelopmental Disorder.

Symptoms of GRIN2B-Related Neurodevelopmental Disorder*

Most individuals present with:
- Hypotonia (low muscle tone)
- Speech delays / non-verbal
- Cognitive disabilities
- Gross and fine motor disabilities

Co-occurring diagnoses:
- Intellectual Disability
- Autism Spectrum Disorder
- Sensory Processing Disorder
- ADHD
- Epilepsy

*Not all individuals present with all symptoms

For a full list of symptoms, please visit http://grin2b.com/index.php/about-grin2b/

TREATMENTS

While there is currently no cure for GRIN2B-Related Neurodevelopmental Disorder, physical, occupational, and speech therapies can help manage symptoms in children and also help them reach developmental milestones. Epilepsy, if present, is treated by a specialist.

At this time, there is no cure and no FDA-approved medications to specifically treat the disorder.

GRIN2B Foundation is working to partner with clinicians, researchers and other GRIN-gene patient organizations to build a collaborative research network to help change the future for all those diagnosed with GRIN2B-Related Neurodevelopmental Disorder.