Join The Cause

DONATE
We rely on donations to help us meet our goals, such as research, developing treatments, family support, education and outreach.

Project 8p is a registered 501 (c)(3). All donations are tax deductible.

You can donate at www.project8p.org/donate/.

VOLUNTEER
We are always looking for more volunteers. Contact us at info@project8p.org to find out how you can get involved and help make a difference.

COLLABORATE
We invite researchers, medical experts, industry representatives, rare disease organizations, pharmaceutical specialists and others for collaboration.

We are involved in genetic research and development, hosting international conferences, developing educational outreach materials, building a medical standard of care, family support and more. Contact us at info@project8p.org.

PARTICIPATE IN RESEARCH
If you would like to learn more about the current research study related to 8p please visit project8p.org/current-research-study/ or email info@project8p.org.

Mission

We aim to accelerate the discovery of treatments for chromosome 8p disorders with a translational research program and a standard of care to empower meaningful lives in a unified community today.

3 year goal of $5 Million

BRAIN CELL RESEARCH
1st Year Fundraising Goal: $200,000
This research extends our understanding of how genes on 8p affect the brain.

BI-ANNUAL FAMILY SCIENTIFIC CONFERENCE
1st Year Fundraising Goal: $65,000
Biannual cost
These conferences bring together researchers, industry experts and families for hands-on research; such as collecting genetic samples, family interviews and research updates.
Families came from around the world to attend our 2019 conference.

ANNUAL FAMILY RETREATS (EAST COAST/WEST COAST/INTERNATIONAL)
1st Year Fundraising Goal: $15,000
Our annual family retreats provide an important respite from the stress of supporting a family member with a disorder of 8p. Though many families pay their own way, we try to off-set overall costs and support those of lower financial means through fundraising.

EDUCATIONAL RESOURCES:
1st Year Fundraising Goal: $25,000
We are working to expand informational resources about 8p disorders for families and medical professionals.

www.project8p.org
info@project8p.org
**What is 8p?**

The term “8p” refers to the genetic syndromes associated with the "p" region, or short arm of Chromosome 8.

These syndromes can be due to changes in genetic material, such as missing genetic material (deletions), extra copies of genes (duplications), inversions/deletions/duplications (both) and other rearrangements. While these syndromes are rare, the number of diagnoses is constantly growing.

Chromosomal conditions typically impact every cell in the body, so patients are affected systematically and often require significant support.

**Associated Symptoms**

The impact of 8p conditions varies between individuals. Some people may not learn to talk, may use a wheelchair and need more support services. Others are mobile, can communicate and can achieve greater independence. Symptoms may include:

- Global Developmental Delays
- Intellectual Disabilities
- Agenesis of the Corpus Colossum
- Epilepsy
- Motor Planning Difficulties
- Feeding & Digestive Issues
- Congenital Heart Disorders
- Sensory Processing Disorders
- Autism
- Apraxia
- Visual Conditions
- Growth Complications
- Hypermobility
- Sleep Disorders
- Hypertonicity and/or Hypotonicity

**Treatment**

There are currently no treatments for 8p conditions, however individuals may benefit from a variety of interventions such as:

- Physical Therapy
- Occupational Therapy
- Speech Therapy
- Feeding Therapy
- Behavioral Therapy
- Mobility Aids
- Communication Aids
- Nutritional Support

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**Who are We?**

Project 8p Foundation is a 501 (c)(3) nonprofit organization researching disorders of Chromosome 8p to find effective treatments. We are a collaborative community of researchers, medical experts, 8p heroes and their families. We invite scientists, healthcare professionals, organizations and industries to collaborate with us.

**What Does Project 8p Do?**

We are working to improve the lives of people with conditions of 8p and learn more about these conditions. We do this through:

- Advocating for and supporting genetic research to better understand the conditions.
- Supporting research targeting treatments, drug development/utilization and gene therapy.
- Collaboration with other chromosomal disorders that share common symptoms.
- Hosting medical conferences, regional meetups, and family retreats.
- Building a standard of care.
- Providing educational resources.

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**Why is Research Important?**

Major chromosome abnormalities occur in 1 out of every 100 to 200 births, and account for half of all miscarriages, yet there is still so much we don't know.

Many people with 8p abnormalities cannot walk or talk, suffer from chronic health issues and require lifelong care. They are amazing people who deserve a chance to lead a fulfilling life.

Research is vital for their futures, yet the impact of research goes far beyond.

About 4.5 to 5 percent of our total DNA is on 8p, about 700 to 1400 genes.

Genes on 8p have been linked to health conditions, such as: autism, Alzheimers, epilepsy, schizophrenia, muscular dystrophy, cancers, psychiatric disorders and more.

Our research could yield treatments, drugs and gene therapies to benefit a much larger population worldwide.