



## Editorial

### Genetic Brain Disorders

**John Snow**

*Department of Endocrinology, Mexico Metropolitan Geriatric Medical Center, Mexico*

**\*Corresponding Author:** John Snow, Department of Endocrinology, Mexico Metropolitan Geriatric Medical Center, Mexico, **E- mail:** johns123@uw.com

**Received Date:** March 3, 2021, **Accepted Date:** March 16, 2021,

**Published Date:** March 28, 2021

A genetic encephalopathy is caused by a variation or a mutation during a gene. A variation may be a different sort of a gene. A mutation may be a change during a gene. Genetic brain disorders affect the event and performance of the brain.

Many people with genetic brain disorders fail to supply enough of certain proteins that influence brain development and performance. These brain disorders can cause serious problems that affect the system nervous. Some have treatments to regulate symptoms. Some are life-threatening.

Some genetic brain disorders are thanks to random gene mutations or mutations caused by environmental exposure, like cigarette smoke. Other disorders are inherited, which suggests that a mutated gene or group of genes is passed down through a family. they will even be thanks to a mixture of both genetic changes and other outside factors.

#### Some samples of genetic brain disorders include

- Leukodystrophies
- Phenylketonuria
- Tay-Sachs disease
- Wilson disease

the most common inherited nervous disorder is CMT, also referred to as hereditary motor and sensory neuropathy, is one among the foremost common inherited neurological disorders, affecting an estimated 126,000 individuals within the us and a couple of .6 million people worldwide. Your neonate has screening tests before leaving the hospital. There could also be different tests counting on the state where you reside. They include

Tests on a couple of drops of blood from pricking the baby's heel. The tests search for inherited disorders. All states test for a minimum of 30 of those conditions.

A hearing test that measures the baby's response to sound and diagnostic test that measures the extent of oxygen within the blood. this will tell if the baby features a congenital heart defect.

These tests search for serious medical conditions. If not treated, a number of these conditions can cause lifelong health problems. Others can cause early death. With early diagnosis, treatment can begin directly, before serious problems can occur or become permanent. If a screening shows that your baby may need a condition, the health care provider or the state health department will call you. it's important to follow up quickly. Further testing can verify whether your baby has the condition. If so, treatment should start directly.

genome sequences of the many other organisms. The analysis of the emerging genomic sequence data and therefore the human genome project may be a landmark achievement for bioinformatics.

#### In Additional to disorder it's going to effect by Brain injuries

##### Brain Injuries

Brain injuries are often caused by injury. Trauma can damage brain tissue, neurons, and nerves. This damage affects your brain's ability to speak with the remainder of your body. samples of brain injuries include:

Hematomas, blood clots, contusions, or bruising of brain tissue, cerebral edema, or swelling inside the skull, concussions, strokes

##### About Mental Disorders are

or mental illnesses, are an outsized and diverse group of conditions that affect your behavior patterns. a number of the foremost frequently diagnosed mental disorders are:

- depression
- anxiety
- bipolar disorder
- post-traumatic stress disorder (PTSD)
- schizophrenia

The symptoms of mental disorders vary supported the condition. Different people can experience equivalent mental disorders very differently. you ought to ask your doctor if you notice a change in your behavior, thought patterns, or moods.

The two major sorts of treatment for mental disorders are medication and psychotherapy. Different methods work better for various conditions. many of us find that a mixture of the 2 is that the best.

Brain disorders can affect anyone. Risk factors are different for various sorts of brain disorders. Traumatic brain injury is commonest in children under 4 years old, young adults between 15 and 25 years old, and adults 65 and older. Brain tumors can affect people at any age. Your personal risk depends on your genetics and your exposure to environmental risk factors like radiation. Older age and case history are the foremost significant risk factors for neurodegenerative diseases..

**Citation: John S (2021) Genetic Disorders and Genetic Reports. J Genet Disor Genet Rep 10:3.**



All articles published in Journal of Genetic Disorders & Genetic Reports are the property of SciTechnol and is protected by copyright laws. Copyright ©2021, SciTechnol, All Rights Reserved.