

# SHAPING THE FUTURE OF NEURODEVELOPMENTAL DISORDER RESEARCH

We received 1200+ questions from individuals, families, carers, and health/education professionals about interventions for neurodevelopmental disorders. We then asked them to rank which questions were most important to them. Here are the top 10 research priorities from the neurodevelopmental disorder community.

## TOP 10 RESEARCH PRIORITIES FOR NEURODEVELOPMENTAL DISORDERS

**1.** What are the most effective treatment options/plans (e.g., timing, frequency, duration, type, intensity or dosage) for individuals with neurodevelopmental disorders for both short and long-term benefits?

**2.** How can system navigation be organized in a manner that enables coordinated services and supports across the lifespan for individuals with neurodevelopmental disorders and their families?

**3.** Which biological treatments (including medications, gene therapy, stem cell therapy, etc.) are effective for neurodevelopmental disorders and associated symptoms?

**4.** Which child and family-centred interventions or approaches promote optimal individual and family functioning?

**5.** Which interventions best help individuals with neurodevelopmental disorders develop emotional and behavioural regulation (including increasing impulse control and reducing compulsive behaviour)?

**6.** Which resources are needed to more effectively address the health, social and emotional needs of families or caregivers of individuals with neurodevelopmental disorders?

**7.** How can treatment decisions for individuals with neurodevelopmental disorders be more precise (i.e., based on the diagnosis, age, functional need of the individual)?

**8.** Which are the most effective pharmacological and non-pharmacological treatments for aggressive and self-injurious behaviour in individuals with neurodevelopmental disorders?

**9.** Which are the most effective pharmacological and non-pharmacological intervention(s) to reduce anxiety in individuals with neurodevelopmental disorders?

**10.** Which interventions are most effective to help individuals with neurodevelopmental disorders improve their social skills and develop and maintain social relationships?

For more information visit [braininstitute.ca](http://braininstitute.ca) or email [prioritysetting@braininstitute.ca](mailto:prioritysetting@braininstitute.ca)



**POND NETWORK**  
Province of Ontario Neurodevelopmental Disorders



**ONTARIO  
BRAIN  
INSTITUTE** **INSTITUT  
ONTARIEN  
DU CERVEAU**