



## New Publications from NMD4C Investigators

July 2024

### [Cyprocide selectively kills nematodes via cytochrome P450 bioactivation](#)

- From Dr Jessica Knox with Dr James Dowling (NMD4C) as a co-author.

### [Healthcare Utilization and Costs in Children Receiving Home Mechanical Ventilation in Ontario: A 14-Year Cohort Study](#)

- From Dr Reshma Amin (NMD4C).

### [Brain-body mechanisms contribute to sexual dimorphism in amyotrophic lateral sclerosis](#)

- From Dr Sarah M Jacob, with Dr Gerald Pfeffer (NMD4C) as a co-author.

### [Loss of miR-145 promotes remyelination and functional recovery in a model of chronic central demyelination](#)

- From Dr Samantha F Kornfeld, with Dr Rashmi Kothary (NMD4C) as a co-author.

### [Changes in Caregiver Burden Following Unilateral Magnetic Resonance-Guided Focused Ultrasound Thalamotomy for Essential Tremor](#)

- From Dr Georgia Gopinath, with Dr Agessandro Abrahao (NMD4C) as a co-author.

### [Characterization of Clinical Phenotypes in Congenital Myasthenic Syndrome Associated with the c.1327delG Frameshift Mutation in CHRNE Encoding the Acetylcholine Receptor Epsilon Subunit](#)

- From Dr Kristina Kastreva, with Dr Hanns Lochmüller (NMD4C) as a co-author.

### [Somatic instability of the FGF14 -SCA27B GAA•TTC repeat reveals a marked expansion bias in the cerebellum](#)

- From Dr David Pellerin, with Dr Bernard Brais (NMD4C) as a co-author.

### [Changes in Physiopathological Markers in Myotonic Dystrophy Type 1 Skeletal Muscle: A 3-Year Follow-up Study](#)

- From Dr Marie-Pier Roussel, with Drs Aymeric Ravel-Chapuis, Bernard Jasmin, Elise Duchesne and Cynthia Gagnon (NMD4C) as co-authors.

### [Direct and indirect costs of idiopathic inflammatory myopathies in adults: A systematic review](#)

- From Dr Eden Daniel with Dr Hanns Lochmüller, Dr Kednapa Thavorn, and Jodi Warman Chardon (NMD4C) as co-authors.

### [Toward a Better Understanding of Walking Speed in Ataxia of Charlevoix-Saguenay: a Factor Exploratory Study](#)

- From Dr Isabelle Lessard with Dr Bernard Brais and Dr Cynthia Gagnon (NMD4C) as co-authors.



### [No sex-based differences in odds of starting or time to treatment of generalized myasthenia gravis: A single center cohort study](#)

- From Dr Benjamin Beland with Dr Lawrence Korngut (NMD4C) as a co-author.

### [Neuromuscular Disorders in Pediatric Respiratory Disease](#)

- From Dr Jane B Taylor with Dr Reshma Amin (NMD4C) as a co-author.

### [Myosite à inclusions](#)

- From Dr Jodi Warman-Chardon (NMD4C).

### [Effect of Immunosuppression in Risk of Developing Generalized Symptoms in Ocular Myasthenia Gravis: A Retrospective Cohort Study](#)

- From Dr Deepak Menon with Dr Vera Bril (NMD4C) as a co-author.

### [Impact of Disease-modifying Therapies on Respiratory Function in People with Neuromuscular Disorders](#)

- From Dr Lena Xiao with Dr Reshma Amin (NMD4C) as a co-author.