



New Publications from NMD4C Investigators

October 2024

[Isolation of small extracellular vesicles from regenerating muscle tissue using tangential flow filtration and size exclusion chromatography](#)

- From Dr Uxia Gurriaran-Rodriguez with Drs Rashmi Kothary and Michael Rudnicki (NMD4C) as co-authors.

[Single simple question in axonal polyneuropathy](#)

- From Dr Vinaya Bhandari with Dr Vera Brill (NMD4C) as a co-author.

[Sex, racial, and ethnic disparities in motor neuron disease: clinical trial enrolment](#)

- From Dr Chia-Chen Tsai with Dr Agessandro Abrahao (NMD4C) as a co-author.

[Digital Gait Outcomes for Autosomal Recessive Spastic Ataxia of Charlevoix-Saguenay \(ARSACS\): Discriminative, Convergent, and Ecological Validity in a Multicenter Study \(PROSPAX\)](#)

- From Dr Lukas Beichert with Dr Cynthia Gagnon (NMD4C) as a co-author.

[Internal Carotid Arteritis Associated with Sinusitis in a Child: Potential Benefit of Corticosteroids](#)

- From Dr Ryan Gotfrit with Dr Hugh McMillan (NMD4C) as a co-author.

[The Discovery of MORF-627, a Highly Selective Conformationally-Biased Zwitterionic Integrin \$\alpha v \beta 6\$ Inhibitor for Fibrosis](#)

- From Dr Bryce A Harrison with Dr James Dowling (NMD4C) as a co-author.

[A Deficiency in Glutamine-Fructose-6-Phosphate Transaminase 1 \(Gfpt1\) in Skeletal Muscle Results in Reduced Glycosylation of the Delta Subunit of the Nicotinic Acetylcholine Receptor \(AChR \$\delta\$ \)](#)

- From Stephen Henry Holland with Dr Hanns Lochmüller (NMD4C) as a co-author.

[Longitudinal relationships between free-living activities, fatigue, and symptom severity in myasthenia gravis using cohort and individualized models](#)

- From Dr Hannah L Dimmick with Drs Gord Jewett and Lawrence Korngut (NMD4C) as co-authors.

[PTPN1/2 inhibition promotes muscle stem cell differentiation in Duchenne muscular dystrophy](#)

- From Dr Yiyang Liu with Dr Natasha Chang (NMD4C) as a co-author.

[Brain malformations and seizures by impaired chaperonin function of TRiC](#)

- From Dr Florian Kraft with Drs Hanns Lochmüller and Alberto Aleman (NMD4C) as co-authors.