



Clinical and Translational Research Grand Rounds: "Understanding Mechanisms of Working Memory Deficits in Muscular Dystrophy "

Speaker: Mathula Thangarajh, MD, PhD

Dr. Thangarajh, trained in child neurology, neuroimmunology, and neuromuscular medicine, is a productive tenure-track Assistant Professor of Neurology at Virginia Commonwealth University. As a physician-scientist, her translational research contributions span from molecular, mechanistic, and biomarker studies through animal models, natural history studies, patient reported outcomes, to clinical trials and equity in recruitment to research participation. She has made signal observations of developmental and cognitive abnormalities in patients with Duchenne Muscular Dystrophy (DMD), revealing contributions of brain dystrophin and mechanisms of clinical heterogeneity. Her discipline spanning and highly collaborative work has been supported by the National Center for Advancing Translational Science, the National Center on Birth Defects and Developmental Disabilities, and the Muscular Dystrophy Association.

Dr. Thangarajh will share her work on cognitive domains affected in DMD with recent work that has focused on connectivity and advanced diffusion measures with these patients.

Friday, May 3rd, 2024

Presentation: 12pm – 1pm

Live Stream Link: <https://georgetown.zoom.us/j/527229623>

Clinical and Translational Research Grand Rounds are sponsored by the Georgetown-Howard Universities Center for Clinical and Translational Science (GHUCCTS) and its partner institutions (Georgetown and Howard Universities, MedStar Health Research Institute, the Washington DC VAMC, and Oak Ridge National Lab) to bring together our diverse clinical and research communities to share research that spans disciplines and stages of translation to improve individual and community health.

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