

Session 1.2 - Prognosis treatment and mechanisms in an international pediatric onset opsoclonus myoclonus ataxia syndrome POOMAS study - an update - Mark Gorman and Rebecca MacRae

Abstract:

Factors associated with relapse and the development of cerebellar atrophy in pediatric OMAS patients have not been recently investigated in larger study populations. We aimed to characterize the frequency of relapse and cerebellar atrophy development in pediatric OMAS, and to identify risk factors for these outcomes. We conducted a retrospective observational study of participants with pediatric-onset OMAS using the multi-national, multi-center Pediatric Onset Opsoclonus Myoclonus Ataxia Syndrome (POOMAS) Registry and Virtual Biobank. Participants had disease onset between 2001 and 2024. Both participants enrolled retrospectively and prospectively were included. We will discuss our results and the implications of these findings.