

Seminar

Exploratory biomarkers for Myotonic Dystrophy Type 1

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When & where

Tuesday 9 July 2019
14:00 – 14:45 hrs
George Padberg room,
Neurology 3th floor,
Route 924

Host

Peter-Bram 't Hoen,
CMBI

Registration

Not required

About

Andreas Roos is a biologist by training and he is working in the field of translational medicine with a main focus on neurodegenerative and neuromuscular disorders. In order to understand the etiology of these diseases and to obtain a full picture, his work focusses on the identification of the genetic cause as well as on the discovery of the related pathophysiological consequences. For the latter purpose, various biochemical techniques including different proteomic approaches are applied by making use of in vitro and in vivo models as well as of patient-derived material.

Key Publications

- Intersection of Proteomics and Genomics to "Solve the Unsolved" in Rare Disorders such as Neurodegenerative and Neuromuscular Diseases. *Proteomics Clin Appl.* 2018
- Biochemical and pathological changes result from mutated Caveolin-3 in muscle. *Skelet Muscle*; 8:28, 2018.
- MYO9A deficiency in motor neurons is associated with reduced neuromuscular agrin secretion. *Hum Mol Genet*; 27, 2018.