

Genetics and Biomarker in Parkinson's Disease

DPG Workshop am 10./11. April 2025 in Tübingen

Program

Thursday, 10 April 2025

9:00 Arrival and Coffee

9:15 – 9:30 Welcome and Introduction

9:30-10:30 Mitochondrial Prototype

Mitochondrial- related Genetics: Joanne Trinh, Lübeck,

Mitochondrial- related Biomarkers: Julia Fitzgerald, Tübingen

10:30 – 11:30

Lysosomal Prototype

Lysosomal- and GBA1-related Genetics: Kathrin Brockmann, Tübingen

DBS in GBA1: Moritz Löffler, Tübingen

11:30 – 12:30 Polygenic Risk and Atypical Parkinson

Polygenic-Risk-Score: Rejko Krüger, Luxemburg

Genetics in MSA and PSP: Günter Höglinger, München

12:30 – 13:30 Lunch and Poster

13:30 – 14:30 Pathology and Networks

Biomarkers related to aSYN Pathology: Björn Falkenburger, Dresden

Neural networks related to Pathology: Daniel Weiß, Tübingen

14:30 – 15:30 Progression

Biomarkers related to PD-Progression: Sandrina Weber, Kassel

Biomarkers related to Immune Dysfunction: Alexander Jäck, München

19:00 Dinner at CAROs

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9:00 - 10:00 LRRK2

LRRK2- related Genetics: Thomas Gasser, Tübingen

LRRK2- related Biomarkers: Johannes Gloeckner, Tübingen

10:00 – 11:00 Complex interactions

Gene-Aging Interaction: Manu Sharma, Tübingen

Gene-Environment Interaction: TBA

11:00 – 12:00 ALL Gaps and Next Steps:

Trial readiness

Sex-specific differences

Others ...