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**We invite you to the seminar of**



**Joanne Trinh, PhD**

**Institute of Neurogenetics, University of Lübeck and  
University Hospital Schleswig-Holstein, Lübeck, Germany**

## **“Genetic Modifiers in Parkinsonism”**

As our population ages, more and more healthy individuals will be burdened by neurodegenerative diseases. By 2030, nine million people worldwide are predicted to be affected with Parkinson’s disease (PD). PD is very heterogeneous, with variable onset ages, progression, treatment responses, symptomatic expressivity, and even neuropathological differences. Multiple genes have been found to be implicated in familial and sporadic parkinsonism. Still, carriers of pathogenic mutations in PD have vastly distinct clinical features, show age-dependent penetrance, and some even remain unaffected. Thus, endogenous protective genetic modifiers mechanistically tied to disease penetrance with therapeutic benefit are pertinent to identify.

（ Dr. Trinh is a candidate for the position  
of a research group head at IMG. ）

**The seminar will be held  
on Tuesday 22<sup>nd</sup> November 2022 at 10:30**

**in the Milan Hašek Auditorium at IMG**

(Institute of Molecular Genetics of the Czech Academy of Sciences, Vídeňská 1083, Prague 4)

**Petr Dráber, Ph.D., DSc.**  
Director of the Institute

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