

## Welcome to Rostock

Dear colleagues,

we cordially invite you to our scientific meeting „**The many faces of Parkinson's disease – motor and non-motor symptoms from prodromal to advanced disease stages**” at the University of Rostock, Germany, on March 16<sup>th</sup> and 17<sup>th</sup>, 2018.

In this meeting, a panel of reputable international experts will discuss the pathophysiology, diagnosis and therapy of non-motor symptoms in Parkinson's disease, which are known to affect the majority of patients in the course of disease and often significantly contribute to disability and impaired quality of life. In a special session, we will specifically address deep brain stimulation and its effects on non-motor symptoms and brain plasticity. In addition, young investigators will present exciting new data from their research on non-motor symptoms in short DataBlitzes.

This meeting has been endorsed by the Movement Disorder Society and will also incorporate the 2018 Scientific meeting of the MDS NMS-PD Study Group.

We are looking forward to interesting talks, fruitful discussions and an inspiring meeting at the shores of the Baltic Sea in Rostock!

**Carsten Buhmann, MD**

Department of Neurology  
University of Hamburg

**Matthias Löhle, MD**

Department of Neurology  
University of Rostock

**Alexander Storch, MD**

Department of Neurology  
University of Rostock



## Registration

Pre-meeting registration will open on November 15<sup>th</sup>, 2017 and will close on March 7<sup>th</sup>, 2018. To register, please send an e-mail to [Direktion.Neurologie@med.uni-rostock.de](mailto:Direktion.Neurologie@med.uni-rostock.de) with your full name and affiliation. Please mention “Registration for Parkinson 2018” in the e-mail header and include a payment confirmation of the registration fee.

### Registration fee

Pre-meeting registration (opens November 15<sup>th</sup>, 2017 through February 28<sup>th</sup>, 2018): 150 €

On-Site registration (opens March 16<sup>th</sup>, 2018 (07:30 AM) through March 17<sup>th</sup>, 2018 (10:00 AM): 200 €

The organizers kindly ask all participants to use the early pre-meeting registration option to simplify and accelerate on-site registration.

To pay the registration fee, please use bank transfer to:

Bank name: Hypo Vereinsbank Rostock

Account Holder: Universitätsmedizin Rostock

IBAN: DE66 2003 0000 0019 5515 15

BIC: HYVEDEMM300

Reference: Fonds 892352, Parkinson 2018

Due to administrative regulations of the organizing institution, there is no other payment option available.

For further information, please visit our website at:

<https://ctnr.med.uni-rostock.de/parkinson2018-rostock/>

For all questions, please contact us by e-mail ([Direktion.Neurologie@med.uni-rostock.de](mailto:Direktion.Neurologie@med.uni-rostock.de)).

## Sponsors (as of November 2017)

**AbbVie GmbH**, Germany

**Grünenthal GmbH**, Germany

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**Medtronic Deutschland GmbH**, Germany

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**UCB Pharma GmbH**, Germany



## Department of Neurology



### The many faces of Parkinson's disease – Motor and non-motor symptoms from prodromal to advanced disease stages

The 2018 Scientific meeting of the MDS NMS PD Study Group

**Meeting Venue:** University of Rostock, Universitätsplatz 1  
18055 Rostock, Germany

**Meeting Date:** March 16<sup>th</sup> - 17<sup>th</sup>, 2018

[med.uni-rostock.de](http://med.uni-rostock.de)

## Friday, March 16, 2018

07:30 **Registration**

08:50 **Welcome**

K. Ray Chaudhuri, MD, FRCP, DSc and  
Alexander Storch, MD

09:00 **SESSION 1: Non-motor symptoms in pre-motor disease**

Chair: Carsten Buhmann, MD

09:00 **NMS to define prodromal PD**

Daniela Berg, MD

09:25 **Neuropsychiatric and cognitive features in prodromal PD**

Anette Schrag, PhD, FRCP

09:50 **REM sleep behavioural disorder (RBD)**

Claudia Trenkwalder, MD

10:15 **Young Investigator DataBlitz: The RaSPar study – Rasagiline and Sleep in PD**

Wiebke Schrempf, MD

10:30 **Coffee and Posters**

11:00 **SESSION 2: Early stage of PD**

Chair: Pablo Martinez-Martin, MD, PhD

11:00 **Epidemiology and natural history of NMS**

Paolo Barone, MD, PhD

11:25 **Psychiatric Disorders: ICDs and Psychosis**

Daniel Weintraub, MD

11:50 **Sexuality in PD**

Carsten Buhmann, MD

12:15 **Lunch and Posters**

13:15 **CRC 1270 ELAINE supported session: DBS and adult neurogenesis**

Chairs: Ursula van Rienen, PhD and  
Alexander Storch, MD

13:15 **Individualised DBS: From motor to non-motor management**

Lars Timmermann, MD

13:40 **Young Investigator DataBlitz: DBS-induced cellular plasticity in the PD rat model**

Kathrin Badstübner, PhD

13:55 **Keynote lecture: Escape from neurodegeneration: Importance of physical and cognitive activity for brain plasticity**

Gerd Kempermann, MD

14:40 **Coffee and Posters**

15:00 **SESSION 3: Advanced stage of PD**

Chair: Anthony Schapira, DSc, MD

15:00 **Cognitive impairment and dementia**

Angelo Antonini, MD, PhD

15:25 **Pain**

Michele Tinazzi, MD, PhD

15:50 **Autonomic dysfunction in late stage PD**

Cristian Falup-Pecurariu, MD

16:15 **Young Investigator DataBlitz: Asymmetry correlation of motor symptoms and PLMS in PD**

Theresa Spitzer

16:30 **Coffee and Posters**

16:45 **SESSION 4: Pathophysiology of non-motor symptoms**

Chair: Peter Jenner, BPharm, PhD, DSc

16:45 **Genetics and NMS: Prospects for therapeutic intervention**

Anthony Schapira, DSc, MD

17:10 **Animal models of NMS**

Peter Jenner, BPharm, PhD, DSc

17:35 **Dopaminergic and non-dopaminergic mechanisms**

Marios Politis, MD MSc PhD FRCP FEAN

18:00 **Poster Session**

20:00 **Dinner & Scientific Networking**

## Saturday, March 17, 2018

08:15 **Parallel meetings:**

**- MDS NMS-PD Study Group Member Assembly**

Moderator: K. Ray Chaudhuri, MD, FRCP, DSc

**- Trainee Subgroup Member meeting**

Moderator: Nataliya Titova, MD, PhD

09:00 **SESSION 5: Biomarkers of non-motor symptoms**

Chair: Angelo Antonini, MD, PhD

09:00 **Imaging of the central nervous system**

David Brooks, MD DSc FRCP FMedSci

09:25 **Imaging of the peripheral nervous system**

Per Borghammer, MD, PhD, DMSc

09:50 **Early risk stratification for late motor and non-motor complications with imaging**

Matthias Löhle, MD

10:15 **Young Investigator DataBlitz: Loss of pigmented dopamine neurons quantified with AV-1451 PET**

Allan Hansen, PhD

10:30 **Coffee**

11:00 **SESSION 6: The future of PD treatment: Personalised medicine**

Chair: K. Ray Chaudhuri, MD, FRCP, DSc

11:00 **Assessment tools for NMS**

Pablo Martinez-Martin, MD, PhD

11:25 **PD – a complex disease with multiple syndromes**

K. Ray Chaudhuri, MD, FRCP, DSc

11:50 **Personalised medicine and Parkinson's disease?**

Nataliya Titova, MD, PhD

12:15 **New drug targets for motor and non-motor symptoms in PD**

Fabrizio Stocchi, MD, PhD

12:40 **Tailored pharmacological treatment of motor and non-motor symptoms in advanced PD**

Per Odin, MD, PhD

13:05 **Young Investigator DataBlitz: Kinetics of non-motor fluctuations in advanced PD**

Christiana Franke, MD

13:20 **Closing words and vote of thanks**

13:30 **Lunch and farewell**