



**BNS**  
British Neuropathological Society

**2019 BNS Summer School  
Royal Agricultural University - Cirencester, UK  
3rd - 5th July, 2019**

**Age Associated Neurodegeneration -  
Mechanisms, Neuropathology and Clinics**

**Wednesday 3rd July 2019**

*14:00 - 15:00, Registration*

15:00 - 15:15, OPENING  
Prof. Johannes Attems, Newcastle University, UK

15:15 - 16:00, COMMON PATHOMECHANISMS IN NEURODEGENERATION  
Prof. Tiago Outeiro, Newcastle University, UK & University of Göttingen, Germany

16:00 - 16:45, OVERVIEW - NEUROPATHOLOGY OF NEURODEGENERATION  
Dr. Tuomo Polvikoski, Newcastle University, UK

*16:45 - 17:15, Tea break*

17:15 - 18:00, OVERVIEW - CLINICAL ASPECTS OF NEURODEGENERATION  
Dr. Paul Donaghy, Newcastle University, UK

*19:30, Barbecue*

## Thursday 4th July 2019

8:00 - 9:30, *Breakfast*

9:30 - 10:15, PHYSIOLOGY AND PATHOMECHANISMS OF AMYLOID- $\beta$   
Prof. Tara Spire-Jones, University of Edinburgh, UK

10:15 - 11:00, PHYSIOLOGY AND PATHOMECHANISMS OF TAU  
Prof. Amrit Mudher, University of Southampton

11:00 - 11:30, *Tea break*

11:30 - 12:15, PHYSIOLOGY AND PATHOMECHANISMS OF  $\alpha$ -SYNUCLEIN  
Prof. Tiago Outeiro, Newcastle University, UK & University of Göttingen, Germany

12:15 - 13:00, PHYSIOLOGY AND PATHOMECHANISMS OF TDP-43  
Prof. Manuela Neumann, University of Tübingen, Germany

13:00 - 14:30, *Lunch*

14:30 - 15:15, NEUROPATHOLOGY OF ALZHEIMER'S AND LEWY BODY DISEASES  
Prof. Dietmar Thal, University of Leuven, Belgium

15:15 - 16:00, NEUROPATHOLOGY OF FRONTOTEMPORAL LOBAR DEGENERATION.  
Prof. Gabor Kovacs, Medical University of Vienna, Austria

16:00 - 16:30, *Tea break*

16:30 - 18:00, NEUROPATHOLOGICAL ASSESSMENT - WORKSHOP  
Profs. Attems, Kovacs, Neumann, Polvikoski and Thal

20:00 *Dinner*

## Friday 5th July 2019

8:00 - 9:30, *Breakfast*

9:30 - 10:15, BODY FLUID BIOMARKERS FOR NEURODEGENERATION  
Prof. Brit Mollenhauer, University Medical Center, Göttingen, Germany

10:15 - 11:00, IMAGING AND THERAPY OF NEURODEGENERATION  
Dr. Alexander Gerhard, University of Manchester, UK

11:00 - 11:30, *Tea break*

11:30 - 12:15, MULTIMORBIDITY OF THE AGEING BRAIN  
Prof. Johannes Attems, Newcastle University, UK

12:15 - 13:00, NOSOLOGY OF NEURODEGENERATIVE DISEASES  
Discussion, chaired by Profs. Attems, Gerhard, Kovacs, McKeith and Thal

13:00 - 13:30, EVALUATION FORMS AND CLOSURE

13:30 - 14:00, *Lunch*