



BNS

British Neuropathological Society



**British Neuropathological Society
Summer School**

**Recent Advances in Neuropathology &
Applied Neurobiology**

NEUROINFLAMMATION

Wednesday, July 3rd - Friday, July 5th 2013

***Royal Agricultural College, Cirencester -
UK***

The BNS Summer School was founded in the early 1960s by Professor Payling Wright who felt that neuropathologists and neuroscientists were not getting together enough to discuss the science of their subjects. Several research bodies were persuaded to sponsor the School and the first was held at Wye College in 1965. The BNS Summer School is one of the best-remembered scientific events in the neuroscience calendar, allowing a very informal mix of workers from basic, veterinary and clinical neuroscience. An excellent scientific content with internationally renowned speakers is matched by a fantastic venue, a restful environment, and a beautiful garden combining to facilitate small-group discussions.

The 2013 Summer School will focus on neuroinflammation and will cover all its aspects from basic science, molecular imaging and pathology.

The Royal Agricultural College in Cirencester was the first agricultural college in the English speaking world. In 1842, the seeds of the College were sown at a meeting of the Fairford and Cirencester Farmers Club. Concerned by the lack of government support for education, Robert Jeffreys-Brown addressed the meeting on the 'Advantages of a Specific Education for Agricultural Pursuits'. A prospectus was circulated, a general committee appointed and Earl Bathurst was elected President. Funds were raised by public subscription with much of the support coming from the wealthy landowners and farmers of the day; there was no Government support. For more information about the College, see <http://rac.ac.uk/>

Organisers: Prof James Nicoll, University of Southampton j.nicoll@soton.ac.uk and Dr Federico Roncaroli, Imperial College, London f.roncaroli@imperial.ac.uk

PROGRAMME

Wednesday 3rd July 2013

2:00 - 3:00	REGISTRATION
3:00 - 3:15	OPENING Professor James Nicoll, University of Southampton
3:15 - 4:00	AN OVERVIEW ON NEUROINFLAMMATION – Professor Stuart Allan, University of Manchester
4:00 - 4:45	MOLECULAR IMAGING OF NEUROINFLAMMATION – Professor Federico Turkheimer, Institute of Psychiatry, King's College, London
4:45 - 5:15	TEA BREAK
5:15 - 6:00	CENTRAL NERVOUS SYSTEM VASCULITIS – Professor Neil Scolding, University of Bristol
19:30 onward	BARBECUE

Thursday 4th July 2013

8:00 - 9:30	BREAKFAST
9:30 - 10:15	NEUROINFLAMMATION IN AGEING AND ALZHEIMER'S DISEASE – Professor James Nicoll, University of Southampton
10:15 - 11:00	IN VITRO AND ANIMAL MODELS OF NEUROINFLAMMATION – Dr Delphine Boche, University of Southampton
11:00 - 11:30	TEA BREAK
11:30 - 12:15	IMAGING INFLAMMATION IN NEUROGENERATION – Dr Alex Gerhard, University of Manchester
12:15 - 1:00	NEUROINFLAMMATION IN ALPHA SYNUCLEINOPATHIES – Dr Janice Holton, Institute of Neurology, London
1:00 - 2:30	LUNCH
2:30 - 3:15:	MODELS OF DEMYELINATION – Professor David Baker, Blizard Institute, Barts and The London School of Medicine
3:15 - 4:00	THE GENETIC AND MOLECULAR ASPECTS OF NEUROINFLAMMATION IN MULTIPLE SCLEROSIS – Dr Gabriele De Luca, University of Oxford
4:00 - 4:30	TEA BREAK
4:30 - 5:15	ADVANCES IN IMAGING DEMYELINATION – Dr Olga Ciccarelli, Institute of Neurology, London
5:15 -6:00	MULTIPLE SCLEROSIS: NOT ONLY A WHITE MATTER DISEASE – Professor Richard Reynolds, Imperial College, London
20:00	DINNER

Friday 5th July 2013

8:00-9:30	BREAKFAST
9:30-10:15	AUTOANTIBODIES AND ENCEPHALOPATHIES – Dr Ming Lim, Evelina’s Children Hospital, London
10:15-11:00	DIAGNOSTIC APPROACH TO AN INFLAMMATORY BIOPSY – Dr Olaf Ansorge, University of Oxford
11:00-11:30	TEA BREAK
11:30-12:15:	PATHOGENETIC MECHANISMS OF NEUROINFLAMMATION AND TISSUE DAMAGE IN CNS TUBERCULOSIS – Professor Jon Friedland, Imperial College, London
12:15:1:00	THE MULTIPLE FACES OF BRAIN TUBERCULOSIS – Professor Bishan Radotra, PIMER, Chandigarh India
1:00-2:00	LUNCH
2:00-2:30	EVALUATION FORMS AND CLOSURE