



MAX-PLANCK-GESELLSCHAFT



Ageing and Neurodegeneration

Day 1 (1 Sept)

4:00 - 8:00pm	Registration
6:00 - 7:00pm	Opening Lecture
8:00 - 11:00pm	Get Together

Day 2 (2 Sept)

8:15 - 8:30 am	Welcome address from the Chairs
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Molecular Mechanisms of Disease Origin and Propagation

8:30 - 9:00 am	Adriano Aguzzi Prions and beyond
9:00 - 9:30 am	Mathias Jucker Prion-like properties of cerebral β -amyloidosis
9:30 - 10:00 am	David Rubinsztein Autophagy and neurodegeneration

coffee break

Beckman Coulter Session: Disturbance in Housekeeping Mechanisms in Neurodegeneration

10:30 - 11:00 am	Stuart Lipton Effects of extrasynaptic vs. synaptic excitatory receptors in neurodegenerative diseases
11:00 - 11:30 am	Hannah Monyer The functional role of inhibition for cognitive processes
11:30 - 12:00 pm	Gerry Melino p73, its involvement in neuronal development and neurodegeneration via miR-34a

lunch

Ageing & Neurodegeneration

1:00 - 1:30 pm	Andrew Dillin The nexus of ageing and neurodegeneration: proteostasis
1:30 - 2:00 pm	Richard A. Miller Drugs, Diets, Mutants and Adoption: Four Ways to Help Your Mouse Live Longer
2:00 - 2:30 pm	Adam Antebi A steroid hormone pathway regulating development and longevity

coffee break

3:00 - 3:30 pm	Michael O. Hengartner TBA!
3:30 - 4:00 pm	Nektarios Tavernarakis Molecular mechanisms underlying age-associated neurodegeneration
4:00 - 4:30 pm	Linda Patridge Ageing in fly models of Alzheimer's Disease

7:00 - 11:00 pm

Awarding of the 1. Hartwig Piepenbrock-DZNE prize	
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Day 3 (3 Sept)

Molecular Mechanisms I

8:30 - 9:00 am	Nils-Göran Larsson Phenotypes in mice with respiratory chain deficient dopamine neurons
9:00 - 9:30 am	Alex Whitworth Drosophila models of Parkinson's disease; unravelling the function of PINK1/parkin in mitophagy

9:30 - 10:00 am	Bart De Strooper Molecular aspects of the pathogenesis of Alzheimer's disease
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coffee break

10:30 - 11:00 am	Christian Haass Cellular mechanisms of neurodegeneration
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11:00 - 11:30 am	Eva-Maria Mandelkow Tau pathology and reversibility in regulatable mouse models
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11:30 - 12:00 pm	Eckhard Mandelkow Tau conformation, aggregation, and modes of toxicity
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lunch

Molecular Mechanisms II

1:00 - 1:30 pm	Anthony Schapira Parkinson's disease: the molecular and clinical prodrome
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1:30 - 2:00 pm	Virginia Lee Transmission of Alpha-Synuclein Pathology in Synucleinopathies
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2:00 - 2:30 pm	Valina Dawson Parkin directs Parkinson's disease traffic towards neurodegeneration
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coffee break

3:00 - 3:30 pm	Lennart Mucke $A\beta$ -induced Cognitive Deficits: Mechanisms and Treatment
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3:30 - 4:00 pm	James Surmeier The link between neuronal physiology, mitochondrial oxidant stress and vulnerability in Parkinson's disease
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4:00 - 4:30 pm	Donato Di Monte Ageing and neurodegeneration in Parkinson's disease: the role of alpha-Synuclein
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6:00 - 11:00 pm	Social Event
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Day 4 (4 Sept)

Translational Neurodegeneration

9:00 - 9:30 am	Thomas Gasser Genetic architecture of Parkinson's disease
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9:30 - 10:00 am	Jens Brüning CNS insulin/IGF-1 action in control of body weight, glucose homeostasis and proteotoxicity
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coffee break

10:30 - 11:00 am	Nicolas Bazan Induction of synaptic-regulated homeostatic signaling in the stroke penumbra during aging and in early stages of neurodegenerations
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11:00 - 11:30 am	Monique Breteler TBA!
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11:30 - 12:00 pm	David Holtzman Endogenous neuronal activity and the regional development of Alzheimer's pathology
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lunch