

Pathogenesis of Neurodegenerative Diseases

finding a common ground

Pathogenesis of Neurodegenerative Diseases: finding a common ground – 3rd edition

NENS Short course supported by FENS and IBRO-PERC
1-5 April 2019, School of Medicine, University of Minho, Braga, Portugal

PROGRAMME

1st day (1 April)

	Faculty members
09:15-09:30	Welcome reception - course targets and evaluation
09:30-09:45	Neurodegenerative disorder with/out borders
09:45-10:30	Basic mechanisms of disease (I): Wallerian degeneration
10:30-11:00	<i>Coffee break/meeting the faculty</i>
11:00-12:15	Basic mechanisms of disease (II): Axonal and synaptic trafficking
12:15-13:30	<i>Lunch break</i>
13:30-14:30	Basic mechanisms of disease (III): Sorting machinery of the cell
14:30-15:30	Basic mechanisms of disease (IV): Cell-to-cell transmissibility and exosomes
15:30-16:00	<i>Coffee break/meeting the faculty</i>
16:00-17:00	Basic mechanisms of disease (V): RNA-Protein granules in neurodegeneration

2nd day (2 April)

09:00-10:00	Basic mechanisms of disease (VI): Lipid signaling and membrane trafficking
10:00-11:00	Basic mechanisms of disease (VII): Imbalance of proteostasis
11:00-11:30	<i>Coffee break/meeting the faculty</i>
11:30-12:30	Basic mechanisms of disease (VIII): Inflammation
12:30-14:00	<i>Lunch break</i>

Disease theme I. Alzheimer's disease

I. Sotiropoulos (chair)

14:00-15:30	Alzheimer's disease: basic mechanisms revisited
15:30-16:00	<i>Coffee break/meeting the faculty</i>
16:00-17:30	Alzheimer's disease: clinical presentation/current and future therapeutics

3rd day (3 April)

Disease theme II. Polyglutamine diseases: Huntington and MJD/SCA3

A. Castro (chair)

09:30-10:30	Polyglutamine diseases: basic mechanisms revisited
10:30-11:00	<i>Coffee break/meeting the faculty</i>
11:00-12:00	Polyglutamine diseases: clinical presentation/current and future therapeutics
12:00-13:30	<i>Lunch break</i>

Disease theme III. Trauma, injury and neuropathic pain

H. Leite-Almeida (chair)

13:30-14:30	Neuropathic pain
14:30-15:00	<i>Coffee break/meeting the faculty</i>
15:00-16:00	Spinal cord injury.
16:00-17:00	Brain trauma
17:00-17:15	Work proposal - teams/theme assessment

4th day (4 April)

Disease theme IV. Motor disease - Amyotrophic Lateral Sclerosis (ALS)

N. Lamas (chair)

09:30-10:30	ALS: basic mechanisms revisited
10:30-11:00	<i>Coffee break/meeting the faculty</i>
11:00-12:00	ALS: clinical presentation/current and future therapeutics
12:00-13:30	<i>Lunch break</i>

Disease theme V. CNS Inflammatory diseases (Multiple Sclerosis)

F. Marques (chair)

13:30-14:30	Multiple sclerosis: basic mechanisms revisited
14:30-15:30	Multiple sclerosis: clinical presentation/current and future therapeutics
15:30-16:00	<i>Coffee break/meeting the faculty</i>
16:00-22:00	Site seeing and course dinner

5th day (5 April)

Disease theme VI. Parkinson's disease

A. Salgado (chair)

09:30-10:30	Parkinson's disease: clinical presentation and current therapeutics
10:30-11:00	<i>Coffee break/meeting the faculty</i>
11:00-12:00	Induced pluripotent stem cells based model in Parkinson's disease
12:00-13:30	<i>Lunch break</i>
13:30-15:00	Novel therapeutic approaches: an overview
15:00-16:30	Wrap-up session: finding a common ground
16:30-17:30	What lies ahead? Closing session

For the students enrolled in the MSc and PhD programs of the School of Medicine the course will have 2 additional weeks.
APRIL: 8-11, 23-24, 26