

AHED - Advanced Health Education
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MULTIPROFESSIONAL CARE
INTEGRATION CHALLENGES

NEURODEGENERATIVE DISEASES

ADVANCED COURSE

4th Edition



Advanced
Health
Education

by NOVA Medical School



NEURODEGENERATIVE DISEASES / ADVANCED COURSE

4th Edition

COURSE COORDINATORS >> António Freire, MD, PhD
Joaquim Ferreira, MD, PhD

COURSE PRESENTATION

The Advanced Course on Neurodegenerative Diseases (NDD) will focus on the latest advances in clinical and molecular research in the field of chronic neurodegenerative disorders influenced by ageing. These disorders have very complex pathophysiological mechanisms and represent a great challenge to clinicians and researchers. During the last few decades, investigation in this area has demonstrated that the most common NDD - Alzheimer's disease (AD) and Parkinson's disease (PD) - although being different disorders, share some common pathophysiological mechanisms as well as some clinical aspects in the advanced forms. This represents a new challenge, implicating that they should be studied in an integrated manner.

The course is intended to promote the understanding of clinical and diagnostic aspects of these devastating diseases and their correlation with molecular, biochemical and cellular mechanisms operating in their pathogenesis. Furthermore, the course will cover the available therapies and those under development, as well as the importance of rehabilitation, psychological and social support. Clinical, brain imaging, selective biochemical and neuropathological aspects of these disorders will be discussed by experienced neurologists, psychiatrists, neuroradiologists, neuroscientists and neuropsychologists.

LEARNING OBJECTIVES >> KNOWLEDGE AND SKILLS TO DEVELOP

- >> To deepen the study of the relationship between Nervous System, movement and cognitive function.
- >> To expand knowledge concerning cognitive function in the context of ageing and neurological disorders.
- >> To acquire knowledge about the main models of normal cognitive functioning and identify modifications that can occur in that system.
- >> To recognise the main contributions of the most recent methods of imaging or others to the comprehension of cognitive functions.
- >> To acquire competences in bibliography search and analysis related to neurodegenerative processes.

TARGET AUDIENCE

Specialists of Neurology, Neurosurgery, Neuroradiology, Psychiatry and Physiatry.
Other Doctors, Neuroscientists and health professionals can also be considered for admission after evaluation of the specific case.

ADMISSION CRITERIA >>

Academic background in the mentioned specialties (PhD, Master degrees, Bachelors or Residents)

Other Doctors, Neuroscientists and health professionals can also be considered for admission after evaluation of their specific motivation.

ATTENDANCE REQUIREMENTS >>

For attendance certification as well as awarding CME credits and/or ECTS it is mandatory to complete:

- >> 100% attendance
- >> Evaluation

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PROGRAMME

2024 / APRIL

APR 10th

2:00 pm – 7:00 pm

Location: AHED – NOVA Health Campus 

- >> Introduction to the course
- >> Ageing and Neurodegeneration
 - >> Molecular and cellular basis of neurodegeneration
- >> Multiple Sclerosis
 - >> New Biomarkers in MS
 - >> Pathogenesis of MS
 - >> Clinical features of MS
 - >> MS diagnostic criteria
 - >> Recent advances in the therapy of MS

APR 11th

9:00 am – 6:00 pm

Location: AHED – NOVA Health Campus 

- >> Parkinson's Disease
 - >> Genetic aspects of Parkinson's Disease
 - >> Clinical features of PD
 - >> Parkinsonian syndromes
 - >> Therapeutic aspects of PD and management of complications
 - >> Advances in imaging in Parkinson's disease and other movement disorders
 - >> Cognition in PD and parkinsonian syndromes
 - >> Ocular movements in Movement Disorders
- >> Polyglutamine-expansion diseases: Huntington's disease and MJD
 - >> Clinical aspects and diagnosis

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PROGRAMME

2024 / APRIL

APR 12th

9:00 am – 6:00 pm

Location: AHED – NOVA Health Campus 

- >> **Alzheimer's disease and other dementias**
 - >> Molecular mechanisms of Alzheimer Disease
 - >> Clinical features of AD
 - >> The diagnosis of AD
 - >> Advances in the therapy of AD and future directions
 - >> Other neurodegenerative dementias
 - >> Brain imaging in AD and other neurodegenerative dementias

- >> **Motor neuron disease**
 - >> Motor neuron disease up to date

- >> **Closing remarks**

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FACULTY

- >> Alexandre de Mendonça, MD, PhD
- >> António Freire, MD, PhD
- >> Bruna Meira, MD
- >> Camila Nóbrega, MD
- >> Carlos Capela, MD
- >> Cláudia Almeida, Bioch, PhD
- >> Cristina Januário, MD, PhD
- >> Isabel Santana, MD, PhD
- >> João Lemos, MD, PhD
- >> Joana Morgado, MD
- >> Joaquim Ferreira, MD, PhD
- >> José Vale, MD
- >> Leonor Correia Guedes, MD, PhD
- >> Luísa Vaqueiro Lopes, PhD
- >> Mamede Carvalho, MD, PhD
- >> Manuel Salavisa, MD
- >> Maria José Diógenes, PhD
- >> Sara Cavaco, Psy., PhD
- >> Sofia Reimão, MD, PhD
- >> Sónia Batista, MD, PhD

INSTITUTIONAL PARTNERSHIPS >>



SCIENTIFIC PARTNERSHIPS >>



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APPLICATION >>

Deadline: APRIL 3rd 2024

Fee: 50€

Application fees are non-refundable*

Secure your spot!
Apply **HERE!**

TUITION FEE >>

700€

VAT exempted

INCLUSIONS AND EXCLUSIONS IN PRICE

The price published for each course includes coffee breaks, teaching fees, space rental, certificate of attendance, and materials used during the course. The price of the course doesn't include hotel accommodation, lunch and dinners on course days, nor any other items unless specifically mentioned. Prices of courses published by AHED are exempted of VAT. Other items priced by AHED apart from courses may however include VAT.

APPLICATION, ADMISSION AND REGISTRATION

When applying for a course at AHED - Advanced Health Education, the applicant agrees to subject personal and professional data. This data will be verified and assessed to check that the applicant meets the admission criteria for the specific programme.

Once an application is approved, the participant is admitted and payment of the tuition fee will be required to complete the registration.

COURSE REGISTRATION FEES

The registration stage is considered completed when the total price of the course is received by AHED.

PAYMENT OPTIONS

Payment options for application and registration include credit card (Visa, MasterCard), wire transfer in Euro, and Multibanco.

EARLY BIRD

*Application fees will be discounted from the course price for registrations completed 90 calendar days before the date of the course.

For additional information, please go to in Terms and Conditions at ahed.pt



AHED – Advanced Health Education has received certification from DGERT as an education provider for all training programs for health care professionals. Courses, procedures and practices are in accordance with training quality standards.