

Converging pathways in Alzheimer and Parkinson's disease: management strategies and disease modifying treatment



8-12 settembre 2020
Summer School Health and Wealth
WEB Seminars

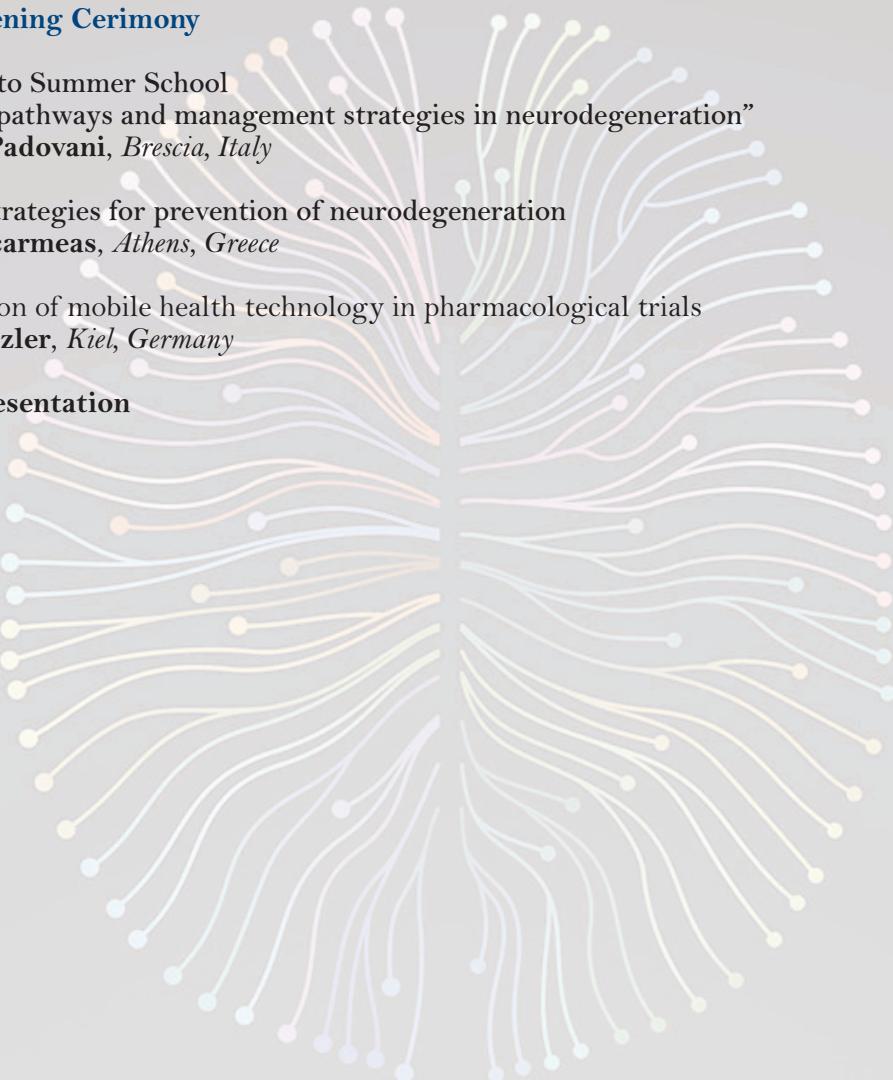
FACULTY

Angelo Antonini	University of Padua, Italy
Alberto Benussi	University of Brescia, Italy
Anna Maria Cattaneo	IRCCS Fatebenefratelli Brescia, Italy
Emanuele Cereda	IRCCS San Matteo, Pavia, Italy
Joaquim Ferreira	University of Lisbon, Portugal
Laura Fratiglioni	Karolinska Institute, Solna, Sweden
Giovanni Frisoni	University of Geneva, Switzerland/Brescia, Italy
Giacomo Koch	Santa Lucia Foundation, Rome, Italy
Afina W. Lemstra	Amsterdam VUMC, Netherlands
Giancarlo Logroscino	University of Bari, Italy
Walter Maetzler	University of Kiel, Germany
Jose Luis Molinuevo	Barcelonabeta Brain Research institute, Barcelona, Spain
Alastair Noyce	University College London, United Kingdom
Alessandro Padovani	University of Brescia, Italy
Andrea Pilotto	University of Brescia, Italy
Ralf Reilmann	George Huntington Institute, Münster, Germany
Nikolaus Scarmeas	University of Athens, Greece
Fabrizio Stocchi	IRCCS San Raffaele Pisana, Rome, Italy

Tuesday, September 8th 2020

4.00 pm-6.00 pm Opening Ceremony

- 4.00 pm Introduction to Summer School
“Converging pathways and management strategies in neurodegeneration”
Alessandro Padovani, Brescia, Italy
- 4.30 pm Nutritional strategies for prevention of neurodegeneration
Nikolaous Scarmeas, Athens, Greece
- 5.00 pm Implementation of mobile health technology in pharmacological trials
Walter Maetzler, Kiel, Germany
- 5.30 pm Welcome presentation



Wednesday, September 9th 2020

9.00 am-11.00 am Risk factors and prevention strategies

9.00 am Epidemiology of Alzheimer and Parkinson's disease
Giancarlo Logroscino, Bari, Italy

10.00 am Multidimensional prevention strategies for dementia
Laura Fratiglioni, Solna, Sweden

Open Discussion

2.00 pm-4.00 pm Hands-on

2.00 pm Prodromal Parkinson's disease: from detection to life-style prevention strategies
Alastair Noyce, London, UK

3.00 pm Nutrients implementation in AD and PD: a converging pathway?
Emanuele Cereda, Pavia, Italy

4.30 pm-5.30 pm Faculty-all and students discussion in small groups

Group 1: High-risk population identification
Giancarlo Logroscino, Bari, Italy - Alessandro Padovani, Brescia, Italy

Group 2: Trial design
Laura Fratiglioni, Solna, Sweden - Emanuele Cereda, Pavia, Italy

Group 3: Outcome measures in AD and PD
Annette Srag, London, UK - Andrea Pilotto, Brescia, Italy

5.30 pm-6.00 pm Keynote – today and tomorrow

Microbiome and inflammation: common target in neurodegeneration?
Anna Maria Cattaneo, Brescia, Italy
Discussant: Alessandro Padovani, Brescia, Italy

Thursday, September 10th 2020

9.00 am-11.00 am Disease-modifying treatments

9.00 am Methodology issues in preclinical and early intervention trials
Joaquim Ferreira, Lisbon, Portugal

10.00 am Disease modifying therapies in Alzheimer disease
Jose Luis Molinuevo, Barcelona, Spain

Open Discussion

2.00 pm-4.00 pm Hands-on

2.00 pm Disease modifying therapies in alpha-synucleinopathies
Fabrizio Stocchi, Rome, Italy

3.00 pm Quantifying interventions: what can we learn from Huntington disease?
Ralf Reilmann, Münster, Germany

4.30 pm - 5.30 pm Faculty-all and students discussion in small groups

Group 1: Mobile technology/ Q- motor assessment
Andrea Pilotto, Brescia, Italy - Ralf Reilmann, Münster, Germany

Group 2: Trial design
Joaquim Ferreira, Lisbon, Portugal - Fabrizio Stocchi, Rome, Italy

Group 3: Outcomes for Disease modifying trials
Jose Luis Molinuevo, Barcelona, Spain - Alessandro Padovani, Brescia, Italy

5.30 pm-6.00 pm Keynote – today and tomorrow

New digital outcomes in neurodegenerative diseases
Andrea Pilotto, Brescia, Italy
Discussant: Ralf Reilmann, Münster, Germany

Friday, September 11th 2020

9.00 am-11.00 am The Clinical Management of Alzheimer Disease and of Parkinson Disease in Clinical Settings

9.00 am Pharmacological Management of Alzheimer Disease across clinical stages
Alessandro Padovani, Brescia, Italy

10.00 am The treatment of Motor symptoms in Parkinson's disease
Angelo Antonini, Padua, Italy

Open Discussion

2.00 pm-4.00 pm Hands-on

2.00 pm Mood and behavioral disturbances: therapeutic strategies in AD and PD
Afina W. Leemstra, Amsterdam, Netherlands

3.00 pm Innovative strategies for AD and PD: what's next?
Giovanni Frisoni, Geneva, Switzerland/Brescia, Italy

4.30 pm - 5.30 pm Faculty-all and students discussion in small groups

Group 1: Movement disorder clinical cases
Angelo Antonini, Padua, Italy - Andrea Pilotto, Brescia, Italy

Group 2: Management of cognitive disturbances: clinical cases
Alessandro Padovani, Brescia, Italy - Giovanni Frisoni, Geneva, Switzerland/Brescia, Italy

Group 3: Management of BPSD in MCI and Dementia
Afina W. Leemstra, Amsterdam, Netherlands - Alberto Benussi, Brescia, Italy

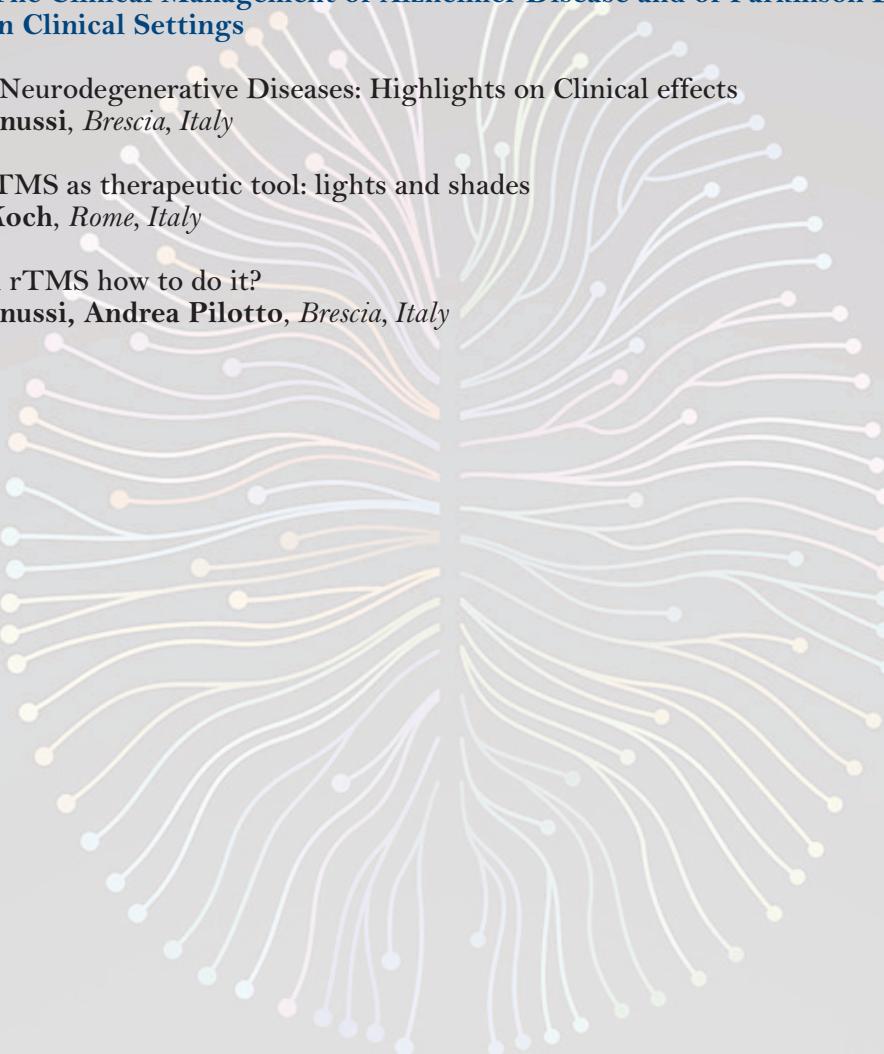
Saturday, September 12th 2020

9.00 am-12.00 am The Clinical Management of Alzheimer Disease and of Parkinson Disease in Clinical Settings

9.00 am TDCS and Neurodegenerative Diseases: Highlights on Clinical effects
Alberto Benussi, Brescia, Italy

10.00 am Repetitive TMS as therapeutic tool: lights and shades
Giacomo Koch, Rome, Italy

11.00 am TDCS- and rTMS how to do it?
Alberto Benussi, Andrea Pilotto, Brescia, Italy



RATIONALE

Educational need

The management strategies of patients affected by neurodegenerative disease need a deep expertise in clinical and imaging assessment. New biological markers and imaging techniques enable the assessment of neurotransmission pathways and neurodegenerative alterations in the brain and could thus be used as target of newly developed disease-modifying therapies.

Course Description

The Summer School “Converging pathways in Alzheimer and Parkinson disease: management strategies and disease modifying treatments” is an opportunity for young neurologists and neuroscientists who are interested in specializing in Neurodegenerative diseases to receive in-depth instruction from internationally-recognized experts. Students will attend large lectures and panel discussions with question and answer sessions and will have the opportunity to discuss clinical cases of atypical dementia and movement disorders and engage in single case treatment and management with the international experts.

The purpose of the summer school is to provide a in depth-education course to international audience interested in neurodegenerative diseases. The specific learning Objectives are

- Propose a personalized pharmacological treatment in patients presenting with dementia or movement disorders
- Propose new on-pharmacological management strategies for dementia and movement disorder
- Understand the rationale and review the more recent evidences for new disease-modifying target therapies across neurodegenerative diseases

Audience target:

Undergraduate and Graduate medical Doctor (Neurologist, Geriatrician, Psychiatrist)

Neuropsychologist

Biologist

Neuroscientist

Biotechnologist

Pharmacologist

GENERAL INFORMATION

Local Scientific Organizer

Prof. Alessandro Padovani
School of Neurology, University of Brescia

Scientific and Organizing Committee

Alessandro Padovani
Barbara Borroni
Alberto Benussi
Andrea Pilotto
University of Brescia (Italy)

Organizing Secretariat

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CME - Continuing Medical Education

Event ID: 1802-297988

Assigned Credits: 31,5

The course is included in the Italian ECM National Programme and it will be accredited for the following Professions:

- Medical Doctor (Neurology, Geriatrics, Psychiatry, Psychotherapy)
- Psychologist
- Biologist
- Physical Therapist
- Biotechnologist
- Pharmacologist

Course description

The Summer School "Biological and Clinical converging pathways in Alzheimer and Parkinson disease" is an opportunity for young neurologists who are interested in specializing in Neurodegenerative diseases to receive in-depth instruction from internationally-recognized experts. Students will attend large lectures and panel discussions with question and answer sessions and will have the opportunity to discuss clinical cases of atypical dementia and movement disorders and engage in a differential diagnosis with the international experts.

Learning objectives

- Understand the common and divergent pathways across neurodegenerative diseases
- Propose a differential diagnosis for complex cases and propose specific clinical/imaging/neurophysiological or biological markers assessment
- Propose a symptomatic personalized treatment for dementia and movement disorder
- Understand the rationale and review the more recent evidences for new disease-modifying target therapies across neurodegenerative diseases

Registration Fees

NB: due to organizational reasons, all registrations should be processed within **August 1st 2020**

STUDENTS 200,00 euro (VAT 22% included)

(including: Admittance to the Scientific Sessions – Conference documents and Certificate of Attendance)
the fee registration as student is reserved for under 35 years

REGULAR FEE 100,00 euro (VAT 22% included)

(including: Admittance to the Scientific Sessions – Certificate of Attendance – CME accreditation Programme)

Online Registration

CLICK HERE to access the registration page www.neurobssummerschool.it

