

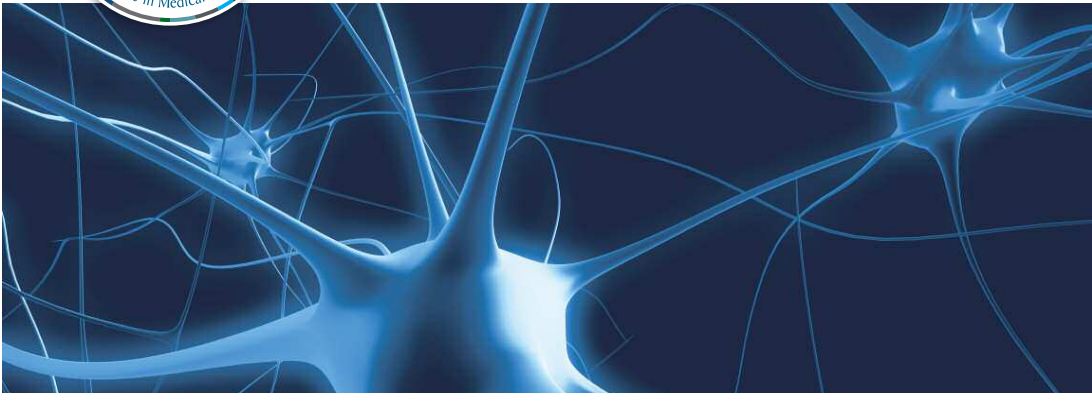
INTERNATIONAL COURSE
FINAL PROGRAMME

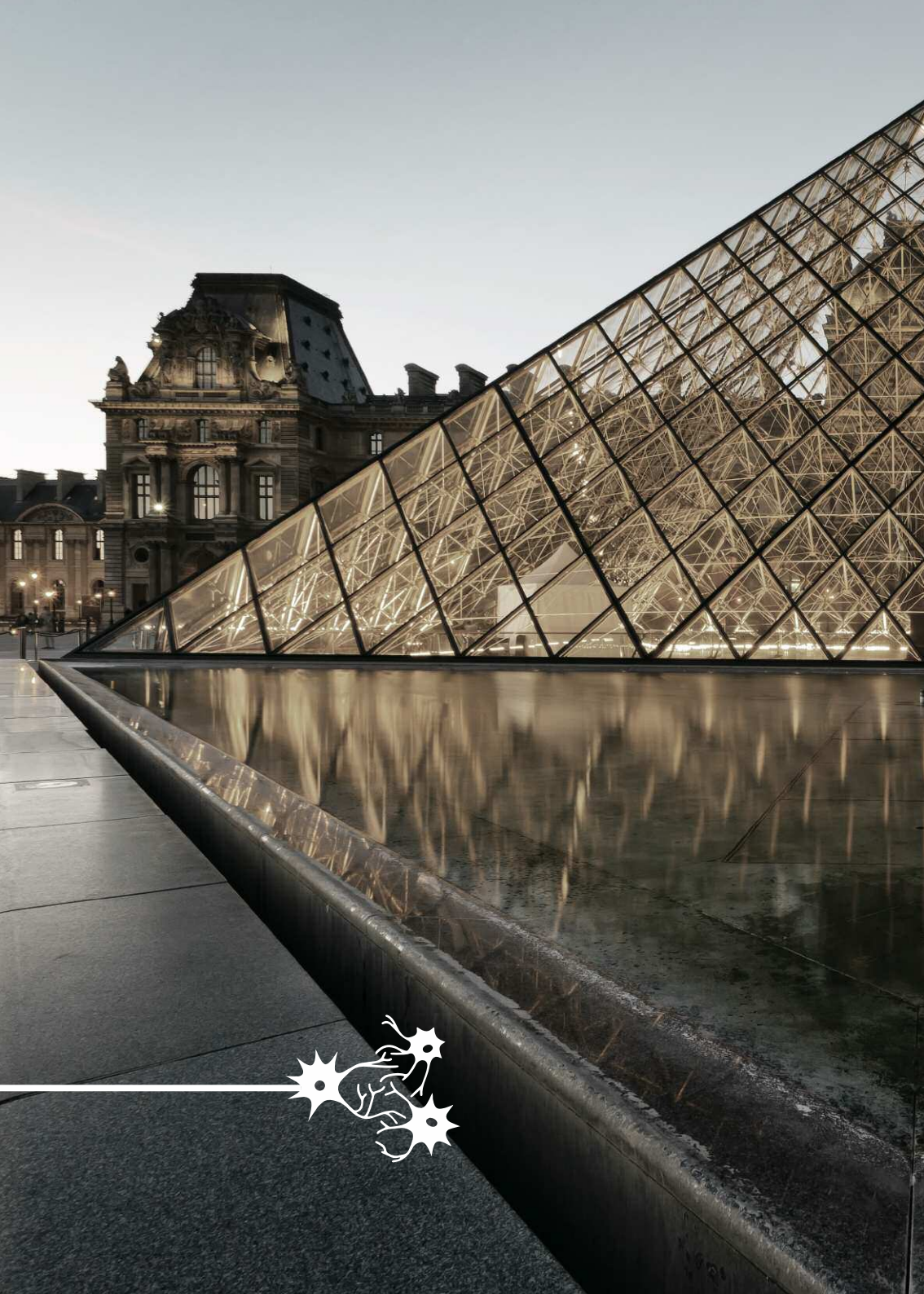


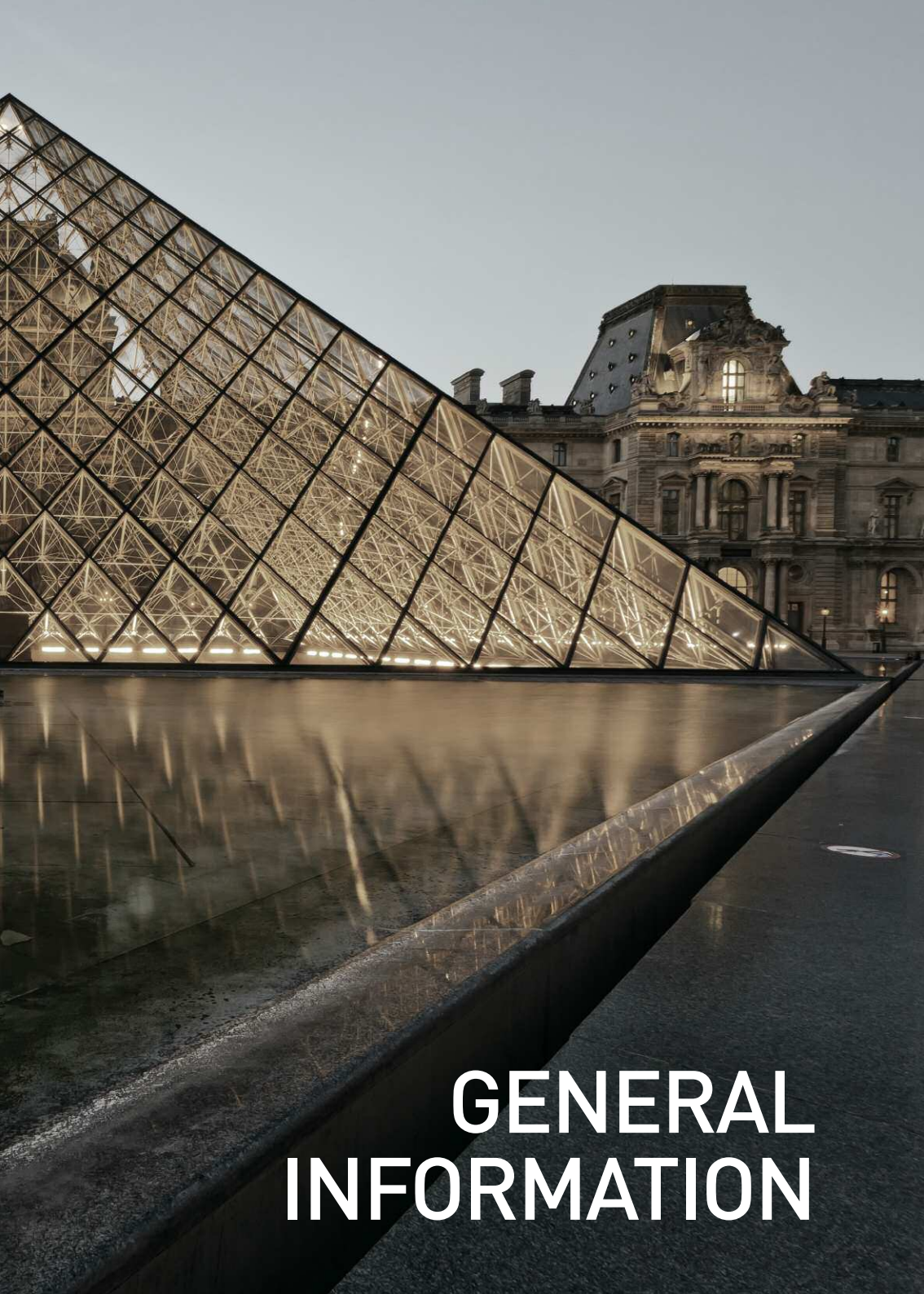
ECTRIMS
EUROPEAN COMMITTEE FOR TREATMENT
AND RESEARCH IN MULTIPLE SCLEROSIS



MS Academia:
Multiple sclerosis advanced course
24 October 2017 - Paris, France







GENERAL INFORMATION

MS Academia: Multiple sclerosis advanced course

Overview

The complex world of multiple sclerosis (MS) is enriched every day by new immunological discoveries, innovative diagnostic tools, new treatments with new mechanisms of action. So, there is a need for continuous education in this field from basic science to treatment goals. This advanced course offers an updated and comprehensive overview of all the main debate topics in MS. A panel of international speakers in the field will share their opinions and expertise with participants also by discussing challenging clinical cases.

Learning objectives

By attending this live educational course, participants will be able to:

- Illustrate the immunological factors involved in the pathogenesis of multiple sclerosis and pathological findings.
- Integrate clinical, radiological and neurophysiological data to corroborate MS diagnosis
- Incorporate information regarding prognostic factors and the risks/benefit profile of currently available and new drugs for multiple sclerosis into treatment decisions.

Target audience

This programme is appropriate for neurologists who specialize in MS as well as other clinicians with a special interest or focus on this disease.

Chairs

Giancarlo Comi

Department of Neurology
Institute of Experimental Neurology
Vita-Salute San Raffaele University
Milan, Italy

Hans-Peter Hartung

Department of Neurology
Heinrich-Heine-University
Düsseldorf, Germany

Fred D. Lublin

Corinne Goldsmith Dickinson Center
for Multiple Sclerosis
Mount Sinai School of Medicine
New York, NY, USA

EXCEMED designed this programme in partnership with TOPEC Global.

TOPEC GLOBAL
The Omnia-Prova Education Collaborative

This live educational course is endorsed by ECTRIMS
(European Committee for Treatment and Research In Multiple Sclerosis).

ECTRIMS
EUROPEAN COMMITTEE FOR TREATMENT
AND RESEARCH IN MULTIPLE SCLEROSIS

CME Provider

EXCEMED is a non profit foundation dedicated, since the last four decades, to the development of high-quality medical education programmes all over the world.

EXCEMED adheres to the guidelines and standards of the European Accreditation Council for Continuing Medical Education (EACCME®) which states that continuing medical education must be balanced, independent, objective and scientifically rigorous.



Continuing medical education

EXCEMED (www.excedmed.org) is accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) to provide the following CME activity for medical specialists. The EACCME® is an institution of the European Union of Medical Specialists (UEMS), www.uems.net

The CME “**MS Academia Multiple sclerosis advanced course**” held on 24 October 2017 in Paris, France, is designated for a maximum of **7 (seven) hours** of European CME credits (ECMEC). Each medical specialist should claim only those credits that he/she actually spent in the educational activity. EACCME® credits are recognized by the American Medical Association (AMA) towards the Physician’s Recognition Award (PRA). To convert EACCME® credit to AMA PRA category 1 credit, please contact the AMA.



EXCEMED adheres to the principles of the Good CME Practice group (gCMEp).



Venue

This live educational course takes place at:

Hotel Pullman Paris Centre Bercy

1 Rue de Libourne, 75012

Paris, France

Language

The official language of this live educational course is English.

CME Provider

EXCEMED - Excellence in Medical Education

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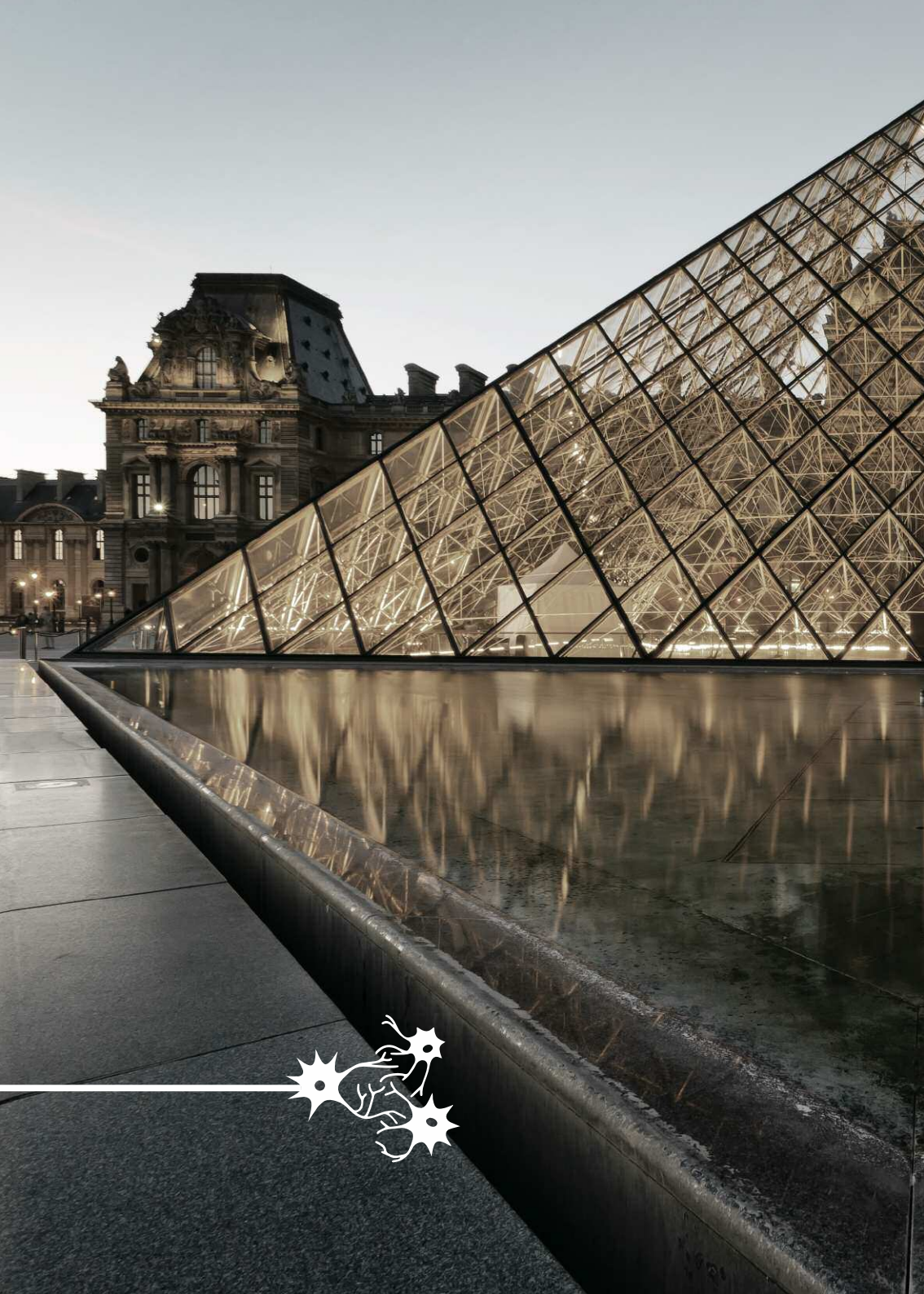
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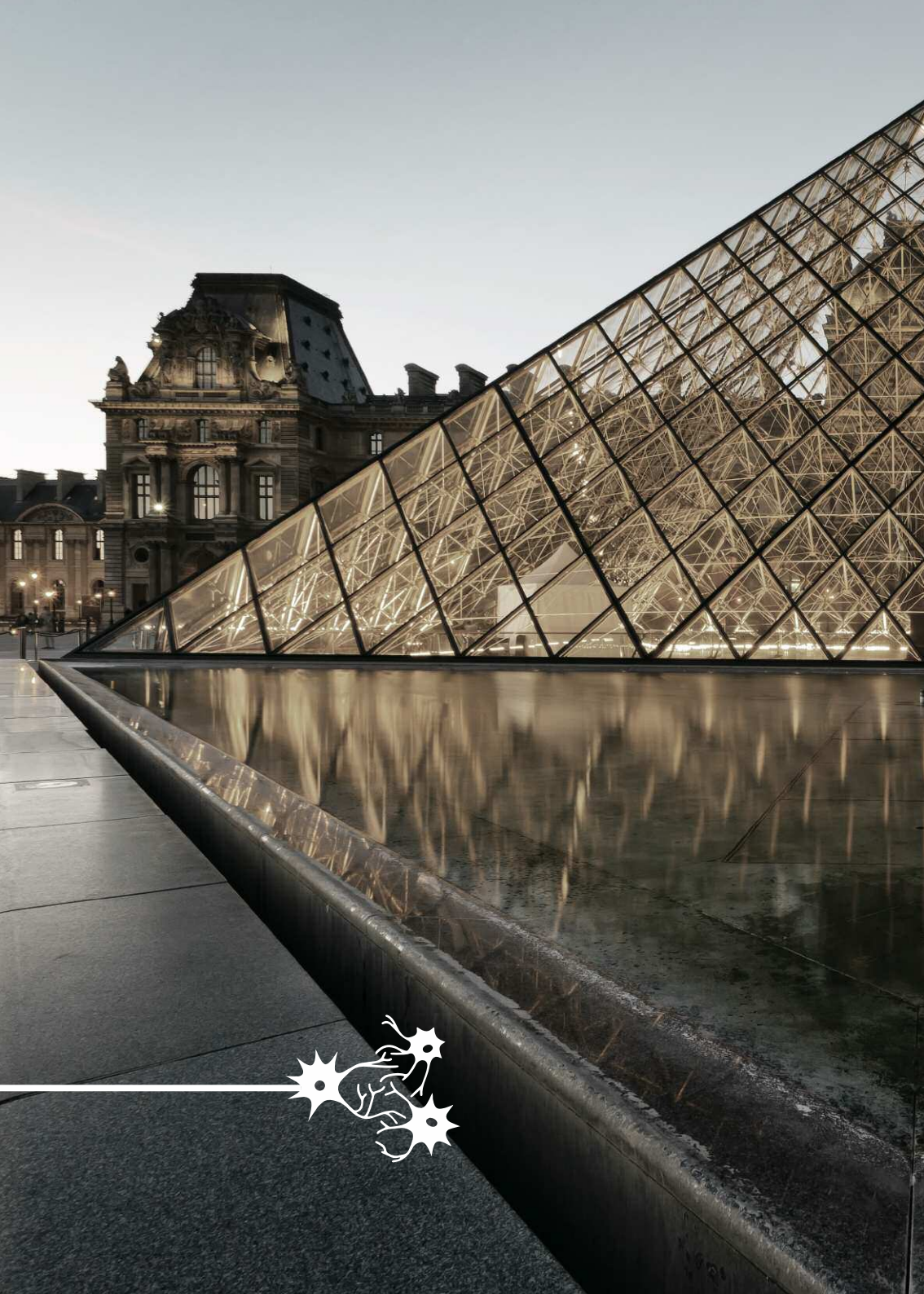
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Institute of Neurology University College London
National Hospital for Neurology and Neurosurgery
London, UK







PROGRAMME

Tuesday, 24 October 2017

8.15 **Opening and introduction**
G. Comi (Italy)

Session I Pathogenesis and pathology

Chairs: H.P. Hartung (Germany) - F.D. Lublin (USA)

8.30 L1: **Immunopathogenesis: peripheral and central immune deregulation**
H.P. Hartung (Germany)

8.50 L2: **Pathology of damage: relapsing remitting and progressive MS**
W. Brück (Germany)

9.10 L3: **Remyelination: new insights from molecular and microstructural imaging**
B. Bodini (France)

9.30 L4: **Genetics and genetic biomarkers**
J. Hillert (Sweden)

9.50 L5: **Lifestyle**
A. Ascherio (USA)

10.10  **Discussion**

10.30 **Coffee break**

Session II Diagnosis and differential diagnosis. Case based story session

Chairs: G. Comi (Italy) - F.D. Lublin (USA)

This session will propose a practice-based approach to the key elements of MS diagnosis. Presenters will offer actual examples from their own clinical experiences to effectively illuminate the most important diagnostic elements of MS.

11.00 CC1: **Diagnosis and differential diagnosis**
B. Stankoff (France)

11.30 CC2: **MRI in diagnosis and monitoring of MS and MS mimickers**
M.A. Rocca (Italy)

12.00 CC3: **Neurophysiology and OCT in diagnosis and monitoring of MS and MSmimickers**
L. Leocani (Italy)

12.30 **Lunch**

Legend: L : Lecture  : Discussion CC : Clinical cases

Session III Treatment

Chairs: G. Comi (Italy) - H.P. Hartung (Germany)

- 13.30 L6: **Efficacy and safety of treatments with targeted cells lysis and antimigratory MoA**
G. Giovannoni (UK)
- 13.50 L7: **Efficacy and safety of treatments with pleiotropic and antiproliferative MoA**
M.S. Freedman (Canada)
- 14.10 L8: **Prognostic factors and treatment choice**
F.D. Lublin (USA)
- 14.30 L9: **Assessment of treatment response**
X. Montalban (Spain)
- 14.50  **Discussion**
- 15.10 **Coffee break**
- 15.40 L10: **Novelties in progressive MS**
A.J. Thompson (UK)
- 16.00 L11: **New goals, new treatments, new monitoring needs**
G. Comi (Italy)
- 16.20  **Discussion and concluding remarks**



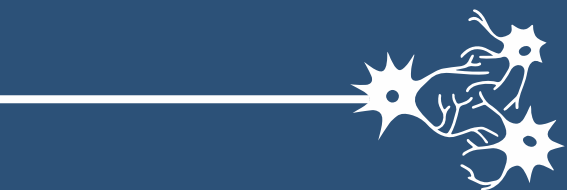
academicCME symposium: Advanced curriculum for MS

Chair: F.D. Lublin (USA)

16.45 **Controversies in multiple sclerosis**

J. Antel (USA); G. Comi (Italy); H.P. Hartung (Germany) F.D. Lublin (USA);
R.A. Marrie (Canada); X. Montalban (Spain); A.J. Thompson (UK)

18.15 **End of the day**





academicCME
symposium:

Advanced curriculum for MS

Overview

This highly interactive debate will provide guidance and context for some of the more difficult topics in MS, including when and how to treat clinically isolated syndrome, strategies for transitioning therapies and the latest concepts for treating progressive disease and developing remyelination approaches.

CME Provider

AcademicCME is an ACCME and ANCC accredited healthcare solutions medical education company designed to impact practice behavior and thus, patient outcomes. AcademicCME's leadership draws on decades of experience in clinical practice and education, which provides a unique understanding of the dynamics between physician behavior, patient care and practice based educational needs.



Continuing medical education

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AcademicCME designates this live program for a maximum of 1.50 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AGENDA

Chair: F.D. Lublin (USA)

16.45 Controversies in multiple sclerosis

J. Antel (USA); G. Comi (Italy);
H.P. Hartung (Germany); F.D. Lublin (USA);
R.A. Marrie (Canada); X. Montalban (Spain);
A.J. Thompson (UK)

18.15 End of the symposium

This activity has been supported by an independent educational grant from Celgene Corporation.

Faculty disclosures

EXCEMED adheres to guidelines of the European Accreditation Council for Continuing Medical Education (EACCME®) and all other professional organizations, as applicable, which state that programmes awarding continuing education credits must be balanced, independent, objective and scientifically rigorous. Investigative and other uses for pharmaceutical agents, medical devices and other products (other than those uses indicated in approved product labeling/package insert for the product) may be presented in the programme (which may reflect clinical experience, the professional literature or other clinical sources known to the presenter). We ask all presenters to provide participants with information about relationships with pharmaceutical or medical equipment companies that may have relevance to their lectures. This policy is not intended to exclude faculty who have relationships with such companies; it is only intended to inform participants of any potential conflicts so that participants may form their own judgements, based on full disclosure of the facts. Further, all opinions and recommendations presented during the programme and all programme-related materials neither imply an endorsement nor a recommendation on the part of EXCEMED. All presentations represent solely the independent views of the presenters/authors.

The following faculty provided information regarding significant commercial relationships and/or discussions of investigational or non-EMEA/FDA approved (off-label) uses of drugs:

- Alberto Ascherio** Declared no potential conflict of interest.
- Wolfgang Brück** Declared the receipt of grants and contracts: Teva, Genzyme, Biogen, MedDay. Declared the receipt of honoraria or consultation fees: Teva, Genzyme, Biogen, MedDay, Bayer Vital, Novartis, Merck-Serono. Declared also to be member of a company advisory board, board of directors or other similar group: Teva, Genzyme, Biogen, MedDay, Roche, Novartis.
- Giancarlo Comi** Declared the receipt of honoraria or consultation fees: EXCEMED, Merck, Novartis, Teva, Sanofi, Genzyme, Biogen, Roche, Almirall, Chugai, Receptos, Forward Pharma.
- Mark S. Freedman** Declared the receipt of research or educational grants: Genzyme. Declared receipt of honoraria or consultation fees: Actelion, BayerHealthcare, BiogenIddec, Chugai, EMD Canada, Genzyme, Merck Serono, Novartis, Hoffman La-Roche, Sanofi-Aventis, Teva Canada Innovation. Declared to be member of a company advisory board, board of directors or other similar group: Actelion, BayerHealthcare, BiogenIddec, Hoffman La-Roche, Merck Serono, MedDay, Novartis, Sanofi-Aventis. Declared participation in a company sponsored speaker's bureau: Genzyme.
- Gavin Giovannoni** Over the last 15 years Professor Giovannoni has received personal compensation for participating on Advisory Boards in relation to clinical trial design, trial steering committees and data and safety monitoring committees from: Abbvie, Bayer-Schering Healthcare, Biogen-Iddec, Canbex, Eisai, Elan, Fiveprime, Genzyme, Genentech, GSK, GW Pharma, Ironwood, Merk, Merk-Serono, Novartis, Pfizer, Roche, Sanofi-Aventis, Synthon BV, Teva, Ucb Pharma and Vertex Pharmaceuticals.

- Hans-Peter Hartung** Declared the receipt of honoraria or consultation fees: Biogen, Novartis Opexa, Genzyme, Roche, Teva, Receptos, GeNeuro.
- Jan Hillert** Declared the receipt of grants and contracts: Biogen, Novartis, Genzyme. Declared the receipt of honoraria or consultation fees: Biogen, Novartis, Teva, Genzyme. Declared to be member of a company advisory board, board of directors or other similar group: Biogen, Genzyme.
- Letizia Leocani** Declared the receipt of grants and contracts: Research support - Merck Serono, Novartis. Declared to be member of a company advisory board, board of directors or other similar group: Biogen. Declared otherwise benefit from a relationship with a commercial enterprise: travel support - Biogen, Almirall.
- Fred D. Lublin** Declared sources of funding for research: Biogen Idec; Novartis Pharmaceuticals Corp; Teva Neuroscience, Inc.; Genzyme; Sanofi; Celgene; Transparency Life Sciences; NIH; NMSS. Declared Consulting Agreements/Advisory Boards/DSMB: Bayer HealthCare Pharmaceuticals; Biogen Idec; EMD Serono; Novartis; Teva; Actelion; Sanofi/Genzyme; Acorda; Roche/Genentech; MedImmune; Receptos/Celgene; Forward Pharma; Akros; TG Therapeutics; Abbvie; Regeneron; Toyama; Medday; Atara Biotherapeutics; Polpharma; Mapi Pharma; Innate Immunotherapeutics. Declared also to be speaker of: Genentech (non-promotional) and Genzyme (non-promotional), and to be Co-Chief Editor of: Multiple Sclerosis and Related Disorders. I may discuss unapproved agents that are in the MS developmental pipeline without any recommendation on their use.
- Xavier Montalban** Declared the receipt of honoraria and consultation fees from: Almirall, Bayer, Biogen, Genzyme, Merck, Novartis, Receptos, Roche, Sanofi Genzyme, Teva.
- Maria Assunta Rocca** Declared participation in a company sponsored speaker's bureau: Biogen-Idec, Novartis, Teva Neuro Sciences, Genzyme
- Alan J. Thompson** Declared the receipt of research or educational grants: MS society of GB&NI, Co-PI, 2013-2018. Declared the receipt of honoraria or consultation fees: Biogen-TO Optum Insight 2014-2016; Clinical Advisor for cost study Eisai-paid to Ucl; Chair, Eisai-UCL Joint Steering Cttee for Neuroscience. Declared otherwise benefit from a relationship with a commercial enterprise: SAGE Publications; editor-in-chief, MS Journal, honorarium.

The following faculty have provided no information regarding significant relationship with commercial supporters and/or discussion of investigational or non-EMEA/FDA approved (off-label) uses of drugs as of 12 October 2017.

Benedetta Bodini

Bruno Stankoff

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