



2025 MASTERCLASS ON PREGNANCY IN MS AND ANTIBODY MEDIATED NEUROLOGICAL DISEASES

10-12 September 2025

Rome, Italy

An educational programme in collaboration with



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OVERVIEW

Thanks to studies conducted over the past 20 years, Multiple Sclerosis (MS) is no longer considered an obstacle to pregnancy planning, and the number of women with MS choosing motherhood is increasing. The growing use of new disease-modifying therapies in women of childbearing age, the complexity of therapeutic scenarios, and the widespread use of assisted reproduction techniques require specialists involved in patient care to deepen their knowledge in these areas. This masterclass aims to provide the necessary tools for the appropriate multidisciplinary management of women with MS during pregnancy, in order to safeguard the physical and mental health of the mother, child, and couple.

The masterclass will draw on the extensive experience of the multidisciplinary Pregnancy Unit 'SMamma,' established in 2016 at the UOSD Multiple Sclerosis Center of the Policlinico di Tor Vergata. This unit employs a pioneering management model that optimizes counseling and clinical outcomes for women with MS who choose to pursue pregnancy. During the masterclass, the topic of pregnancy in women with other antibody mediated autoimmune neurological conditions, such as Neuromyelitis Optica Spectrum Disorders (NMOSD) and Myasthenia gravis (MG) will also be addressed.

An integral part of the program will be in-depth workshops on clinical cases, which will be discussed with experts. Additional online sessions for clinical case discussions will be organized as a learning after the in-person event as part of this continuous medical education program.

LEARNING OBJECTIVES

- Define clinical and molecular prognostic indicators for disease reactivation during pregnancy and postpartum
- Acquire new knowledge regarding the immunology of pregnancy in treated and untreated women
- Implement fertility screening in men and women with MS in the treatment decision making
- Optimize preconception counseling in women with NMOSD and MG and manage therapy
- Facilitate the dissemination of the innovative management model of the multidisciplinary 'MS Pregnancy Unit'

TARGET AUDIENCE

This educational activity is designed for neurologists, gynecologists, nurses, obstetricians, biologists, pediatricians, infectivologists with special interest or focus in MS and other antibody mediated neurological diseases.

REGISTRATION FEES

Early Bird: Register by May 31st to secure your discounted fee

330 €

This fee includes:

- Scientific sessions
- Post-event webinars
- Conference materials
- Lunches and coffee breaks
- Social dinners

630 €

This fee includes:

- Scientific sessions
- Post-event webinars
- Conference materials
- Lunches and coffee breaks
- Social Dinners
- Accommodation at the conference venue on September 10th and 11th

Full registration: from June 1st

390 €

This fee includes:

- Scientific sessions
- Post-event webinars
- Conference materials
- Lunches and coffee breaks
- Social dinners

690 €

This fee includes:

- Scientific sessions
- Post-event webinars
- Conference materials
- Lunches and coffee breaks
- Social Dinners
- Accommodation at the conference venue on September 10th and 11th

For any info please contact alessia.addressi@medexlearning.com

ACCREDITATION

This educational activity will be submitted to the Italian Ministry of Health and to the EACCME for CME accreditation.

SCIENTIFIC ORGANISERS

Gerola A. Marfia and Doriana Landi

UOSD Multiple Sclerosis Center
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Rome, Italy

SCIENTIFIC SECRETARIAT

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Med-Ex Learning
Education & Events

VENUE

Borgo Della Mistica
Largo M. Bellisario, 300
Rome

ENDORSEMENTS

This educational activity was endorsed by:



European
Charcot
Foundation

MENACTRIMS
Middle East North Africa Committee for
Treatment and Research in Multiple Sclerosis

FACULTY

Laura Airas, Neurologist

Carlo Alviggi, Gynaecologist

Paola Anserini, Gynaecologist

Francesca Bovis, Statistician

Luigi Carbone, Gynaecologist

Lorys Castelli, Psychologist

Diego Centonze, Neurologist

Aide Esu, Sociologist

Elena Elefante, Rheumatologist

Kerstin Hellwig, Neurologist

Sarah Hoffmann, Neurologist

Marco Iannetta, Infectious Disease Specialist

Raffaele Iorio, Neurologist

Doriana Landi, Neurologist

Girolama Alessandra Marfia, Neurologist

Claudia Massarotti, Gynaecologist

Cinzia Niolu, Psychiatrist

Giuseppe Novelli, Geneticist

Celia Oreja-Guevara, Neurologist

Raffaele Palladino, Public Health Specialist

Paolo Palma, Pediatrician

Ilaria Pisani, Gynaecologist

Emilo Portaccio, Neurologist

Martina Severa, Biologist

Martina Siracusano, Child Neuropsychiatrist

Carla Tortorella, Neurologist

WEDNESDAY, SEPTEMBER 10

13.50 **Welcome and Introduction**

D. Landi, Italy - G. A. Marfia, Italy

14.00 **Keynote lecture: Genetics and Genomics of Multiple Sclerosis: State of the Art and New Direction**

G. Novelli, Italy

Session 1 Epidemiology of pregnancy and Maternal Outcomes

Chairs: G. A. Marfia, Italy - R. Palladino, Italy

14.30 **Disease and Pregnancy Outcomes in MS: Past and Present**

K. Hellwig, Germany

14.50 **Pregnancy in MS as a Statistical Model: Complexity, Limitations, New approaches**

F. Bovis, Italy

15.10 Discussion

15.30 *Coffee Break*

Session 2 Immunology of pregnancy

Chairs: D. Centonze, Italy - D. Landi, Italy

16.00 **Female hormones dynamic during pregnancy and post-partum**

L. Airas, Finland

16.20 **Immunology of Pregnancy and Postpartum in MS and antibody mediated autoimmune neurological conditions**

M. Severa, Italy

16.40 **Infectious Risk, passive immunization and maternal and infantile vaccinations in MS and antibody mediated autoimmune neurological diseases**

M. Iannetta, Italy

17.00 Discussion

17.20 **Clinical Case Workshop**

Chairs: D. Landi, Italy - I. Pisani, Italy

18.20 *End of Day 1*

THURSDAY, SEPTEMBER 11

Session 3 DMTs management during pregnancy and breastfeeding

Chairs: D. Landi, Italy - Faculty to be announced

- 09.00 **Family planning and management of DMTs: current treatment guidelines**
G. A. Marfia, Italy
- 09.20 **Pregnancy Registries and Pharmacovigilance: Opportunities and Limitations**
Faculty to be announced
- 09.40 **Breastfeeding: Implications for Mother and Child**
E. Portaccio, Italy
- 10.00 Discussion

Session 4 Obstetric management and offspring outcomes

Chairs: G. Marfia, Italy - E. Portaccio, Italy

- 10.20 **Obstetric management and complications in MS and antibody-mediated disorders**
I. Pisani, Italy
- 10.40 **DMTs exposure and fetal outcomes in MS and antibody-mediated disorders**
K. Hellwig, Germany
- 11.00 **Long-Term Data and Neurodevelopmental Anomalies in Children Born to Mothers with MS**
M. Siracusano, Italy
- 11.20 Discussion
- 11.40 *Coffee Break*

Session 5 Fertility and MS

Chairs: P. Anserini, Italy - G. A. Marfia, Italy

- 12.00 **Male and Female Fertility in MS and antibodies - mediated diseases: The Role of Autoimmunity**
C. Massarotti, Italy

- 12.20 **Assisted Reproductive Techniques (ART): procedures and opportunities**
C. Alviggi, Italy
- 12.40 **Maternal and Pregnancy Clinical Outcomes in Women with MS undergoing ART**
D. Landi, Italy
- 13.00 Discussion
- 13.20 *Lunch*
- 14.20 **Clinical Case Workshop**
Chairs: D. Landi, Italy - C. Massarotti, Italy

Session 6 Psychological and Social Impact of Pregnancy in MS
Chairs: D. Landi, Italy - C. Niolu, Italy

- 15.20 **The Symbolic and Social Meaning of Pregnancy for Women with MS and Their Partners, and Couple Dynamics in MS**
A. Esu, Italy
- 15.40 **Impact of MS on Family Functioning**
L. Castelli, Italy
- 16.00 Discussion
- 16.20 *Coffee Break*
- 16.40 **Clinical Case Workshop**
Chairs: D. Landi, Italy - A. Esu, Italy
- 17.40 *End of Day 2*

FRIDAY, SEPTEMBER 12

Session 7 Pregnancy in Antibody-Mediated neurological diseases

Chairs: R. Iorio, Italy - C. Tortorella, Italy

- 9.00 **Reproductive health in autoimmune rheumatic diseases**
E. Elefante, Italy
- 9.20 **Dynamic of maternal-fetal antibody transfer during pregnancy: implications for neonatal diseases and protections from infections**
P. Palma, Italy
- 9.40 **Maternal-Fetal Outcomes in Women with NMOsd and MOGAD**
Faculty to be announced
- 10.00 **Maternal-Fetal Outcomes in Women with Myasthenia Gravis (MG)**
S. Hoffman, Germany
- 10.20 Discussion
- 10.40 **Clinical Case Workshop**
Chairs: L. Carbone, Italy - S. Hoffman, Germany - D. Landi, Italy
- 11.40 *Coffee Break*

Session 8 Management Models

Chair: G. Marfia, Italy

- 12:00 **Round Table The Maternity Care Unit in autoimmune neurological disorders: state of the art in Europe and initiatives to improve the model**
K. Hellwig, Germany - S. Hoffman, Germany - D. Landi, Italy -
C. Oreja-Guevara, Spain
- 13.00 Conclusions
- 13.30 *Closing Lunch*

FOLLOW UP ONLINE MODULES

Two different learning appointments, dedicated only to the in-person Masterclass attendees. Each workshop will focus on specific topics. During the sessions participants will have the opportunity to practice, acquire knowledge and competences by sharing their clinical cases and discussing their approach with experts.

November 5, 2025

Online Module n. 1

- Chairs: D. Landi, Italy - G. Marfia, Italy

December 4, 2025

Online Module n. 2

- Chairs: D. Landi, Italy - G. Marfia, Italy

Diplomas will be delivered to attendees at the end of the educational Pathway.

