

## Scientific Program

8:30 Registration at Welcome Desk

8:45 SSIF Opening

**Giancarlo Comi, Italy**

09:00 Opening and introduction to the MS Clinic. Setting the scene

**Xavier Montalban, Spain**

9:30 Epidemiology, social burden and costs of MS

*Speaker to be confirmed*

10:00 Environmental factors

**Mireia Sospedra, Germany**

10:30 *Coffee break*

11:00 Genomics and systems biology in MS

**Pablo Villoslada, Spain**

11:45 Patterns of disease

**Oscar Fernandez, Spain**

12:15 DMDs and pregnancy

**Magnhild Sandberg-Wollheim, Sweden**

12:45 Juvenile MS

*Speaker to be confirmed*

13:15 *Lunch*

**14:30-16:30 Visiting the premises of the UNIC – Clinical Neuroimmunology Unit**

Session “Clinical”: including visits and practices in the Ambulatories and Psychological offices. (Inside the Vall d’Hebron Hospital).

Session “MRI”: the group follows a real MRI evaluation of a patient and discuss with the tutor methodology, findings and final results. (Inside the Vall d’Hebron Hospital).

Session “Lab”: the group follows the tutor in the Laboratories and he/she will show different technical equipments and the importance of collaboration networks involving other centres. (Inside the Vall d’Hebron Hospital).

Session “Rehabilitation”: the group follows the tutor in the rehabilitation setting in order to analyze different approach related to different stages of the disease. (Groups

will go outside the hospital to visit the FEM – Rehabilitation centre).

16:30 *Coffee break*

16:45 MS diagnosis and differential diagnosis

**Mar Tintoré, Spain**

17:15 MRI. Monitoring disease activity. Non conventional MRI

**Álex Rovira, Spain**

17:45 Pathogenesis of MS and therapeutic targets

**Roland Martin, Germany**

18:15 End of Day 1

09:00 Management of Relapses

**Carlos Nos, Spain**

09:30 Symptomatic treatment

**Jaume Sastre-Garriga, Spain**

10:00 “On demand” case study session

Topic 1 - **Carlos Nos, Spain**

Topic 2 – **Jaume Sastre-Garriga, Spain**

Topic 3 – **Neus Tellez, Spain**

11:00 *Coffee break*

11:30 Cognition in MS. Overview

**Maria Pia Amato, Italy**

12:00 Emotional disturbances in MS

**Maria Jesus Arevalo, Spain**

12:30 *Working lunch*

14:00 **Visiting the premises of the UNIC – Clinical Neuroimmunology Unit**

16:00 *Coffee break*

16:30 Definition of response to treatment

**Jordi Rio, Spain**

17:00 Factors influencing treatment response: NABs and pharmacogenetics

**Manuel Comabella, Spain**

17:45 End of Day 2

09:00 DMDs in MS: the cornerstone of knowledge

**Giancarlo Comi, Italy**

09:20 Advantages of early treatment in MS

**Xavier Montalban, Spain**

09:40 DMDs in MS: observational studies

*Speaker to be confirmed*

10:00 Long-term Data

**Xavier Montalban, Spain**

10:20 *Coffee break*

10:40 Panel Discussion on present treatments

*Speaker to be confirmed*

**Giancarlo Comi, Italy**

**Xavier Montalban, Spain**

11:15 Future Therapies

**Giancarlo Comi, Italy**

11:45 How to optimize treatment and compliance to treatment

**Jaume Sastre-Garriga and Maria Jesus Arevalo, Spain**

12:15 How to increase compliance improving the interaction with the patient: a role-playing

**Jaume Sastre-Garriga and Maria Jesus Arevalo, Spain**

12:45 *Lunch*

14:00-15:00 Case study on DMDs efficacy - **Lluís Ramió, Spain**

Case study on DMDs safety – **Ester Moral, Spain**

Case study on early treatment – *speaker to be confirmed*

15:00 Concluding remarks

**Xavier Montalban, Spain**