

CONFERENCE ON MULTIPLE SCLEROSIS

JUNE 10, 2022

8.30 **Welcome**

9.00 **Brigitte TAITTINGER-JOUYET: Welcome address**
by the President of ARSEP Foundation

9.15 – 10.20 **Session 1 – High field MRI**
Chair: Jean PELLETIER (*Marseille, France*)

9.20 – 9.35 Bruno STANKOFF (Paris, France): Ultra-high field MRI:
seeing what has always been here

9.40 – 10.00 Françoise DURAND-DUBIEF & Hélène RATINEY (Lyon, France):
Ultra-high-field MRI for evaluation of demyelination/remyelination processes

10.05 – 10.25 Wafaa ZAARAOUI (Marseille, France): Homeostasis and structural
dysfunction in brain injuries by UHF MRI

10.25 – 10.55: **COFFEE BREAK**

11.00 – 12.05: Session 2 – Neurobiology
Chair: Pascale DURBEC (*Marseille, France*)

11.05 – 11.20 Anna WILLIAMS (Edinburg, Scotland): Why might oligodendroglia
heterogeneity be important for remyelination?

11.25 – 11.45: Wojciech KREZEL (Illkirch, France): RXR γ -dependent mechanisms
of oligodendrocytes differentiation

11.50 – 12.10: Delphine MEFFRE (Paris, France): Role of the α -secretase
ADAM10 in re/myelination

12.15 – 13.15: Session 3 – 6 short oral communications
Chair: Pierre-Olivier COURAUD (*Paris, France*)

13.15 – 14.30: **LUNCH BREAK & POSTER SESSION**



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14.30 – 15.35: Session 4 – Immunology

Chair: Christina STADELMANN (*Göttingen, Germany*)

14.35 – 14.50: Doron MERKLER (Geneva, Switzerland): Regulation of immune responses and barriers in neuroinflammation

14.55 – 15.15: Renaud LESOURNE (Toulouse, France): Signaling modulation of the immune checkpoint BTLA regulates the susceptibility to central nervous system autoimmunity

15.20 – 15.40 : Candice CHAPOULY (Bordeaux, France): Dll4/Notch signaling at the Glia Limitans is driving astrocyte reactivity during neuroinflammation

15.45 – 16.55 Session 5: Clinical research

Chair: Bertram MÜLLER-MYHSOK (*Munich, Germany*)

15.45 – 16.05: Pierre-Antoine GOURRAUD (Nantes, France): Impact of genetic variations in MS and related diseases

16.10 – 16.30: Maryam KHOSRAVI (Paris, France): The impact of early life microbiota on the susceptibility to multiple sclerosis in the adult

16.35 – 16.55: Emmanuelle LERAY (Rennes, France): Do social inequalities exist in disability progression in patients with MS?

17.00 – 17.10: Prizes of the best poster & the best short oral communication

Chair: Jean PELLETIER (*Marseille, France*) & **Pierre-Olivier COURAUD** (*Paris, France*)

Winners

17.15: End of the meeting

