

THE SCHWANN CELL: A TRANSLATIONAL UPDATE

**26th
MARCH
2020**

**Institut du
Cerveau et de la
Moelle Epinière
Pitié-Salpêtrière,
Paris**

National Reference Center NNetf "Rare Peripheral Neuropathies"

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**Association pour l'encouragement à la recherche et à
l'enseignement des sciences neurologiques - LIMOGES**



PROGRAMME

9h00-9h05 Introduction

A MYELINATING CELL AND BEYOND

9h05-9h35 Characterization of bilateral interactions between axons and Schwann cells

R Chrast, Stockholm

9h35-10h05 Twists and turns of neuregulin-1 signaling in the peripheral nervous system

R Stassart, Leipzig

10h05-10h35 Schwann cell "metamorphosis" in Neurofibromatosis type 1

P Topilko, Créteil

10h35-11h00 PAUSE CAFE

11h00-11h30 NGS in chronic demyelinating genetic neuropathies

AS Lia, Limoges

11h30-12h00 Role of electrophysiology in the diagnosis of demyelinating neuropathies and how axons are affected: facts and myths

P Van Den Bergh, Brussels

12h00-12h45 Round table

B Garcia-Diaz, Paris The Schwann cells: rescuers of CNS demyelination

12h45-14h00 REPAS

THERAPEUTIC ADVANCES IN DEMYELINATING DISORDERS

14h00-14h30 From pathomechanisms to therapy in hereditary neuropathy

R Fledrich, Leipzig

14h30-15h00 Next generation treatments in dysimmune neuropathies (what can we learn from multiple sclerosis)

L Magy, Limoges

15h00-15h30 An antigen-specific treatment option for anti-MAG neuropathy

A Steck, Basel

15h30-16h00 How do myelinating glial cells compare in the central and peripheral nervous system?

A Desmazières, Paris

16h00-16h15 Conclusion