



## Program of CFNI 2026 : Room 300, Cité des Congrès, Nantes, France

8h30 – 8h50 Welcome and badge pick-up

Main Hall

8h50 – 9h00 Welcome address by Laureline Berthelot / club presentation by Lennart Mars

### Session 1: Neuroimmunology at CNS barriers.

Chair: Lennart Mars and Laureline Berthelot

9h00 - 9h30 **Keynote speaker: Antoine Louveau** (Department of Neuroscience, Lerner Research Institute, Cleveland Clinic, Cleveland, USA): *The meningeal lymphatic vasculature in neurodevelopmental disorders*

9h30 - 9h45 **Laetitia Travier** (Pasteur Institute, Paris, France): *Postnatal development of the choroid plexus and brain function*

9h45 - 10h00 **Lizéa Chapel** (U1236-MOBIDIC, Rennes University, France): *Age-associated B cell reprogramming with low-dose IL-2 in a pre-clinical model of multiple sclerosis*

10h00 – 10h30 Coffee Break

Main Hall

### Session 2: Neuroimmunology and neurodegenerative diseases.

Chair: Guillaume Dorothée and Philippe Naveilhan



10h30 - 11h00 **Keynote speaker: Wassim Elyaman** (Department of Neurology, The Taub Institute for Research on Alzheimer's Disease & Aging Brain, Columbia University Irving Medical Center, New York, USA): *Bystanders or Drivers? Defining the Role of T Cells in Neurodegenerative Diseases*

11h00 - 11h15 **Alexandre Glastra** (CRSA, Paris, France): *Targeting T cell responses to Tau: A novel tolerogenic immunomodulation therapeutic strategy for tauopathies*

11h15 - 11h30 **Lolie Garcia** (NeuroBicêtre U1195, Paris, France): *Pharmacological modulation of microglia via CSF1R inhibition in Alzheimer's disease Mouse lemur model*

11h30 - 11h45 **Manon Graffeuil** (CRSA, Paris, France): *Preclinical evaluation of an immunomodulatory combination therapy targeting Tau and regulatory T cells in Alzheimer's disease and other tauopathies*

### Session 3: Posters and flash presentations in neuroimmunology.

Chairs: Sonia Bourguiba-Hachemi and Nicolas Vince

11h45 - 12h15 **Flash-talks selected from posters:**

**Allwyn Pereira** (Target U1089, Nantes, France): *The impact of AAV serotypes on microglia-mediated inflammation in CNS gene therapy*

**Igor Faddeenkov** (CR2TI U1064, Nantes, France): *PRIMUS: Integrating Clinical Data, Synthetic Avatars, and Expert Validation for Decision Support in Multiple Sclerosis*

**Mitra Barzine** (CR2TI U1064, Nantes, France): *The Ancestral A1-B8-DR3 Haplotype as the Dominant HLA Risk Factor for AQP4-IgG Seropositive NMOSD: Fine-Mapping Evidence from French and US Cohorts*

**Elisa Popa** (Paris Brain Institute, France): *Trained Immunity in Multiple Sclerosis Patients' Macrophages*

**Florence Savigny** (INEM UMR7355, Orléans, France): *Neutrophils and NETs in dorsal root ganglion are critical for nerve oxygenation and vincristine-induced peripheral neuropathic pain*

**Clara Deyts** (IPBS, Toulouse, France): *Nerve remodelling in pulmonary tuberculosis: characterization of innervation, Schwann cells and their functional roles*

12h15 - 14h00 Lunch and poster session

13h15 - 14h00 Poster Session ( Discussion with the jury in front of the posters)



#### Session 4: Neuroimmunology and peripheral nervous system.

Chair: Violetta Zujovic and Arnaud Nicot

14h00 - 14h30 **Keynote speaker: Daniela Latorre** (San Raffaele Institute, Milano, Italy): *Dissecting autoreactive T cell immunity in inflammatory peripheral neuropathies*

14h30 - 14h45 **Romane Cadot** (CIRI Lyon, France): *The role of neuroinflammation in toxic epidermal necrolysis*

#### Session 5: Neuroimmunology: immune and metabolic dysfunctions.

Chair: David Laplaud and Nicolas Blanchard

14h45 - 15h15 **Keynote speaker: Christian Münz** (Institute of Experimental Immunology, Viral Immunobiology Zurich University, Switzerland): *Encephalomyelitis due to Epstein-Barr virus*

15h15 - 15h30 **Agnès Nadjar** (Institut des Maladies Neurodégénératives, Bordeaux, France): *Anti-oxidant metabolic programming of microglia protects female mice in the early phase of diet-induced obesity*

15h30 - 15h45 **Frédéric Ebstein** (Institut du thorax, Nantes, France) *Neurodevelopmental interferonopathies caused by proteasome dysfunction*

15h45 – 16h15 Coffee Break

Main Hall

#### Session 6: Neuroinflammation in multiple sclerosis.

Chairs: Sandrine Wiertlewski and Anne Astier



16h15 - 16h45 **Keynote speaker: Céline Delalay**, (U1236-MOBIDIC, Rennes University, France) *IL-2-mediated modulation of B cell functions in multiple sclerosis*

16h45 - 17h00 **Soufiane El Khayari** (IGF, University of Montpellier, France): *CITE-seq reveals inhibition of NF- $\kappa$ B pathway in B cells from vitamin D-treated multiple sclerosis patients*

16h45 - 17h00 **Louise Le Gal** (CR2TI U1064, Nantes Université, France): *IgA production decrease is associated with B cell differentiation and proliferation defects in multiple sclerosis*

#### Closing remarks and Prizes. Laureline Berthelot

17h15 - 17h30 Awards for the best poster and short oral communication, conclusion remarks

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