



Tuesday 2nd July 2019

Introduction

Florence Pasquier (France)

Opening session - Clinicians and researchers: what we are looking for?

MUTATIONS ASSOCIATED WITH EARLY-ONSET ALZHEIMER'S DISEASE: CLINICAL, STATISTICAL AND FUNCTIONAL ANALYSIS. **Anne Rovelet-Lecrux** (France)

NEURODEGENERATIVE DISEASES: CLINICIANS' UNSOLVED ISSUES. **Vincent Deramecourt** (France)

CAN THE GUT BE THE MISSING PIECE IN UNCOVERING PD PATHOGENESIS ? **Pascal Derkinderen** (France)

EXPERIMENTAL MODELS TO UNDERSTAND THE CONTRIBUTION OF NEUROINFLAMMATION IN AMYOTROPHIC LATERAL SCLEROSIS. **Séverine Boillée** (France)

Wednesday 3rd of July 2019

FLASH-TALKS

How to study neurodegenerative pathologies in a dish?

PARKINSON'S IN A DISH: USING STEM CELL-DERIVED NEURONS TO STUDY MOLECULAR MECHANISMS AND TARGET DISCOVERY. **Richard Wade-Martins** (UK)

MICROFLUIDIC NEURON CULTURE DEVICES TO STUDY NEURAL DEVELOPMENT AND DISEASE. **Devrim Kilinc** (France)

FUNCTIONAL CHARACTERIZATION OF NEURONAL NETWORKS USING MICROELECTRODE ARRAY TECHNOLOGY. **Sophie Halliez** (France)

NEW TOOLS TO STUDY APP METABOLISM (HIGH CONTENT SCREENING, OPTOGENETICS). **Julien Chapuis** (France)

Lunch and Poster session 90 min

Rodents still matter

MOUSE MODELS OF TAUOPATHY AND THEIR RELEVANCE TO HUMAN DISEASE. **Diane Hanger** (UK)

PRION-LIKE DISEASES MODELISATION IN MURINE MODELS. **Morvane Colin** (France)

TITLE PENDING **Julie Deguil** (France)

BRAIN ADMINISTRATION, STEREOTAXIS AND PHARMACOLOGICAL DEVELOPMENT WITH THE ANIMAL MODELS. **David Devos** (France)

Thursday 4th of July 2019

FLASH-TALKS

Planet of the Apes

TITLE PENDING **Philippe Hantraye** (France)

STUDYING PATHOPHYSIOLOGY OF PD IN NON-HUMAN PRIMATES. **Erwan Bezard** (France)

Session on animal research ethics

TRANSPARENCY & COMMUNICATION IN LABORATORY ANIMAL SCIENCES - CHALLENGES AND OPPORTUNITIES. **Kirk Leech** (UK)

Lunch and Poster session

Fishing for molecular mechanisms and new therapies

THE ZEBRAFISH MODEL TO STUDY NEURODEGENERATIVE DISEASES. **Pierre Olivier Angrand** (France)

DECIPHERING ADVERSE OUTCOME PATHWAYS OF NEUROTOXIC COMPOUNDS IN ZEBRAFISH. **Demetrio Raldúa** (Spain)

MODELS FOR MOTOR NEURON DISEASES: FOCUS IN ZEBRAFISH. **Edor Kabashi** (France)

Session open to the general public (in French)

FROM THE LAB BENCH TO THE PATIENT BEDSIDE: DEVELOPMENT OF NEW DRUG TREATMENTS **Régis Bordet** (France)

Friday 5th of July 2019

Contributions from the invertebrate side

C. ELEGANS: A NOT SO SIMPLE MODEL ORGANISM. **Marie Gendrel** (France)

FUSSING WITH WORMS: INSIGHTS INTO PHYSIOLOGICAL AND PATHOLOGICAL PROTEIN CONDENSATES. **Peter St George-Hyslop** (UK-Canada)

THE DROSOPHILA ORGANISM MODEL. **Pierre Dourlen** (France)

DROSOPHILA AS A MODEL SYSTEM TO STUDY GENETICS OF TAU AND TDP-43 PROTEINOPATHIES. **Bart Dermaut** (Belgium)

AN EVOLUTIONARILY CONSERVED PREDICTOR OF IMPENDING DEATH: LESSONS FROM DROSOPHILA MELANOGASTER. **Michael Rera** (France)

Lunch and Poster session

Animal farm. A fairy Story

PRION IN BLOOD AND ITS DETECTION. **Olivier Andreoletti** (France)

Closing session - Into the wild

CHRONIC WASTING DISEASE IN CERVIDS. **Sylvie Benestad** (Norway)

