ROLE OF OLIGODENDROCYTES AND MYELINATION IN ALZHEIMER’S DISEASE: THERAPEUTIC PERSPECTIVES TARGETING OLIGODENDROCYTES FOR THE PREVENTION AND TREATMENT OF ALZHEIMER’S DISEASE

MONDAY, MARCH 16TH, 2020

09.30 — 10.00 WELCOME COFFEE
10.00 — 10.15 WELCOME ADDRESS AND INTRODUCTION
Ayikoé Guy Mensah-Nyagan — Strasbourg, France

10.15 — 11.15
Maria Knyazeva — University of Lausanne, Switzerland
“Superficial white matter in aging and Alzheimer’s disease: what we know and what we should learn”

11.15 — 12.15
Efrosini Papadaki — University of Crete, Greece
“Myelin content changes in Mild Cognitive Impairment and Alzheimer’s disease, quantified by advanced brain MRI and associated with neuropsychiatric alterations”
LUNCH BREAK

12.15 — 14.00

14.00 — 15.00
Arthur Butt — University of Portsmouth, UK
“Oligodendroglial Cells in Alzheimer’s Disease”

15.00 — 16.00
Hansruedi Mathys — Massachusetts Institute of Technology, Cambridge, USA
“Single-cell transcriptomic analysis implicates oligodendrocytes and myelination in the pathophysiology of Alzheimer’s disease”
COFFEE BREAK

16.15 — 17.15
Peisu Zhang — National Institute of Health, Baltimore, USA
“Senolytic therapy alleviates Aβ-associated oligodendrocyte progenitor cell senescence and cognitive deficits in an Alzheimer’s disease model”

17.15 — 17.30 CLOSING REMARKS

Program and registration at www.neurex.org

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