Junior Faculty Awards

The Organizing Committee of AD/PD™ 2023 recognized the top junior and trainee abstract presenters with Junior Faculty Awards.

Recipients of this award will give an oral presentation on their research during the 2023 Conference.

**Eligible candidates for the Junior Faculty Awards are graduate students (PhD, MD) or junior scientists up to five years after the doctorate degree (PhD, MD)

Congratulations to the 2023 winners!

Leyla Akay, United States

Abstract: APOE4 IMPAIRS MYELINATION VIA CHOLESTEROL DYSREGULATION IN OLIGODENDROCYTES**Cecilia Boccalini, Switzerland**

Abstract: SEX DIFFERENCES IN DEMENTIA WITH LEWY BODIES: AN IMAGING STUDY OF NEUROTRANSMISSION PATHWAYS**Jennifer Cooper, Canada**

Abstract: NEUROFILAMENT LIGHT AND GLIAL FIBRILLARY ACIDIC PROTEIN CAN DETECT NEUROLOGICAL COMPLICATIONS OF COVID-19 IN CRITICALLY ILL PATIENTS**Roxane Dilcher, Australia**

Abstract: BIOMARKER INTERPLAY BETWEEN CSF AND 18F-PI-2620 PET IN ALZHEIMER'S DISEASE AND 4R-TAUOPATHY**Christoph Gericke, Switzerland**

Abstract: ASSOCIATION OF ADAPTIVE IMMUNE PATTERNS WITH EARLY ALZHEIMER'S DISEASE BIOMARKER ALTERATIONS**Verena Haage, United States**

Abstract: TOWARDS MODULATING HUMAN MICROGLIAL SUBTYPES AND MITOTYPES IN DISEASE: DEVELOPING A PHARMACOLOGICAL TOOLKIT TO

POLARIZE MICROGLIA IN A TARGETED FASHION**Jonathan Hasselmann, United States**

Abstract: ALTERATIONS IN TRANSCRIPTION FACTOR LANDSCAPE AND CHROMATIN STRUCTURE DRIVE THE HUMAN MICROGLIA RESPONSE TO AMYLOID PATHOLOGY**Fiona Heeman, Sweden**

Abstract: RELATIONSHIP BETWEEN [18F]FLORTAUCIPIR PET VISUAL PATTERNS AND NEURODEGENERATION**Pengfei Hou, Belgium**

Abstract: THE Γ-SECRETASE SUBSTRATE PROTEOME REVEALS THE ROLE OF REGULATED INTRAMEMBRANE PROTEOLYSIS IN MAINTAINING MICROGLIA CELL STATES**Miguel Labrador-Espinosa, Spain**

Abstract: ASSOCIATIONS BETWEEN CHOLINERGIC BASAL FOREBRAIN DEGENERATION, CORTICAL HYPOMETABOLISM, AND COGNITIVE DEFICITS IN PARKINSON'S DISEASE**Emma Luckett, Belgium**

Abstract: WEIGHTED GENE CO-EXPRESSION NETWORK ANALYSIS DETECTS CHANGES IN THE PERIPHERAL BLOOD TRANSCRIPTOME IN ASYMPTOMATIC ALZHEIMER'S DISEASE**Kate Onuska, Canada**

Abstract: A TRANSLATIONAL MULTIMODAL PLATFORM FOR IMAGING FOREBRAIN CHOLINERGIC DYSFUNCTION IN MICE AND HUMANS**Samira Parhizkar, United States**

Abstract: SLEEP DEPRIVATION EXACERBATES MICROGLIAL REACTIVITY AND AMYLOID-B DEPOSITION IN A TREM2-DEPENDENT FASHION**Federica Rey, Italy**

Abstract: IDENTIFICATION OF A NOVEL PATHWAY IN SPORADIC AMYOTROPHIC LATERAL SCLEROSIS MEDIATED BY THE LONG NON-CODING RNA ZEB1-AS1**Olivia Rifai, United Kingdom**

Abstract: MOLECULAR SIGNATURES OF NEUROINFLAMMATION IN PATIENT TISSUE ACROSS SPORADIC, SOD1 AND C9ORF72-ALS COHORTS**Aitana Sogorb Esteve, United Kingdom**

Abstract: A NEW HORIZON FOR FLUID BIOMARKERS IN GENETIC

FRONTOTEMPORAL DEMENTIA: AN UNBIASED PROTEOMICS STUDY**Johannes Trambauer, Germany**

Abstract: HETEROZYGOSITY REVERSES GAMMA-SECRETASE MODULATOR RESISTANCE OF AN AGGRESSIVE ALZHEIMER-CAUSING PRESENILIN MUTANT**Irem Ulku, Canada**

Abstract: SCREENING OF PROTEASES INVOLVED IN AMYLOID-BETA 34 DEGRADATION — A POTENTIAL EARLY BIOMARKER OF AD PROGRESSION**Inge Verberk, Netherlands**

Abstract: THE MASTERMIND OF THE ALZHEIMER'S BLOOD-BASED BIOMARKERS: DEVELOPMENT OF CUTOFFS AND A VISUALIZATION TOOL FOR USE IN CLINICAL DEMENTIA PRACTICE.**Yang Yang, United Kingdom**

Abstract: STRUCTURES OF ALPHA-SYNUCLEIN FILAMENTS FROM HUMAN BRAINS WITH LEWY PATHOLOGY