

FINAL PROGRAM

Friday, 16th June 2023

workshop on NOVEL DIAGNOSTIC TOOLS for ALZHEIMER'S DISEASE

08:15 - 09:00

Registration

09:00 - 09:15

Welcome session

Artur Silva | Vice-rector for Research, Innovation and 3rd Cycle of the University of Aveiro

Session 1 | AD basic, translational and clinical research

Chairs: Odete da Cruz e Silva and Ramiro Almeida | DCM, UAveiro

09:15 - 10:00

Mitochondria Directed Oxidative Stress at the Center of Synaptic Failure in Alzheimer's Disease

George Perry | UTexas San Antonio

10:00 - 11:00

Design and synthesis of steroid-quinoline hybrid compounds targeting protein aggregation processes

Hélio Albuquerque | LAQV-REQUIMTE, DQ, UAveiro

Promise of miR-124-3p-loaded neuronal exosomes for clinical application in Alzheimer's disease patient subtypes

Gonçalo Garcia | iMed.Ulisboa, ULisboa

Isolation of spontaneously-released brain extracellular vesicles: implications for brain pathology

Patrícia Gomes | ICVS, UMinho

11:00 - 11:30

Coffee-break + poster session

Session 2 | Cognitive and Imaging tools in AD

Chairs: Ana Soares and Christian Neves | DCM, UAveiro

11:30 - 12:00

Quantitative radiopharmaceutical-based biomarkers for differential diagnosis of Alzheimer's disease

Francisco P.M. Oliveira | Champalimaud Foundation

12:00 - 13:00

Bacteriophages – a bio sustainable solution to tackle Alzheimer's disease

Ivone Martins | CBE, UMinho

Towards innovative and affordable PET scanners for preclinical and clinical usage

Pedro Correia | DFis, UAveiro

Diagnosis of AD in 2023: Is there still room for neuropsychological assessment?

Diana Duro | CHUC



Exosomes as
Diagnostic tools for...
Alzheimer's disease
Funded by Alzheimer's Association
2019-AAR0-644347

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13:00 - 14:30

Lunch

Session 3 | Biofluids in AD diagnostics

Chairs: Bruno Neves and Catarina Almeida | DCM, UAveiro

14:30 - 15:00

Blood biomarkers for Alzheimer's disease: the highway towards implementation

Charlotte Teunissen | Amsterdam UMedical Center (online)

15:00 - 16:00

Extracellular vesicles as an emerging source of biomarkers for AD

Ana Gabriela Henriques | iBiMED, DCM, UAveiro

Vibrational spectroscopy-based diagnosis: advances in AD

Alexandra Nunes | iBiMED, DCM, UAveiro

A novel biosensing system for Alzheimer's disease diagnostic in serum

Ana Maria Murillo | CTB, UPolitécnica Madrid

16:00 - 16:30

Coffee-break + poster session

Session 4 | Digital Health and Social Awareness in AD

Chairs: Sandra Vieira and Luís Monteiro | DCM, UAveiro

16:30 - 17:00

How to improve the current pathways for early identification and care of people at risk of dementia

Vítor Tedim Cruz | HPH-ULSM/ EPIUnit-ISPUP/ Neuroinova

17:00 - 18:00

Validation study of "Santé-Cerveau", a digital tool for early cognitive changes identification

Stephanie Bombois | IMAD, UHospital Pitié-Saleprière

iSupport-Portugal: eHealth Platform for Intervention and Research in Dementia Care

Soraia Teles | ICBAS

Empowering Dementia Informal Caregivers and Enhancing Social Awareness

Sara Guerra | CINTESIS, UAveiro

19:30

Networking dinner



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workshop on

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Saturday, 17th June 2023

09:00 - 09:15

Registration

Session 5 | Novel AD diagnostic platforms

Chairs: Ana Gabriela Henriques and Diogo Trigo | DCM, UAveiro

09:15 - 09:45

Two step immunoprecipitation and immunoassay (IP-IA) for blood based early and differential diagnosis of dementia due to Alzheimer's Disease (D-AD)

Jens Wiltfang | UMedizin Göttingen

09:45 - 10:30

Biosciences Analytical Tools in the context of Alzheimer's disease

José Catita | Paralab bio

Detecting Alzheimer's Disease In Blood Using Simoa Ultra-sensitive Technology

Mirella El Khoury | Quanterix

10:30 - 11:00

Coffee-break + poster session

11:00 - 12:15

Round table | AD diagnostics, to what end?

Moderator: Adriano Cerqueira | Podcast '90 Segundos de Ciência'

Catarina Resende de Oliveira | AICIB / FMUC

Luís Ruano | EPIUnit-ISPUP/ CHEDV

Odete da Cruz e Silva | iBiMED, DCM, UAveiro

12:15 - 12:30

Closing Session



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