



DEMENTIA 2017

Sep 07 ~ 09, 2017,
Rome, Italy

TENTATIVE PROGRAM

Organizing Committee Members:

George Perry, Professor and Dean of College of Sciences, The University of Texas at San Antonio, USA

Prof. Jacques L. De Reuck, Professor of Neurology, Stroke Research Team, University Hospital, Lille & Past President of the European Federation of Neurological Societies (EFNS), Belgium.

Prof. Othman Ghribi, University Of North Dakota School Of Medicine, USA

Prof. Daret St Clair, Professor, Interim Chair, James Graham Brown Foundation Endowed Chair, Vice Chair for Research, Associate Director for Basic Science, Markey Cancer Center, USA

Prof. Laurence RIS, Department of Neuroscience, University of Mons, Belgium

Prof. Luiza Spuru, Elias University Hospital, Romania

Prof. Tomasz Gabryelewicz, Mossakowski Medical Research Centre, Poland

Sergio Rosales-Corral, Biomedical Research Center of the West belonging to the Mexican Social Security Institute, México

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Scientific Program

Day-1 September 07, 2017

08:15 - 09:15 Registrations
09:15-09:30 Opening Ceremony

Keynote Forum

09:30-10:00 **Title: Post-mortem 7.0-tesla MRI study on small cerebrovascular lesions in neurodegenerative diseases**

J. De Reuck, University Hospital, Belgium

10:00-10:30 **Title : Neurotransmission spanning the Alzheimer's disease continuum: Disease-stage specific changes in glutamatergic tone and what it means for therapeutic interventions**

Erin Rutherford Hascup, SIU School of Medicine, USA

10:30-11:00 **Title: Targeting Mitochondrial Complex I Activity Averts Cognitive Decline in Symptomatic Animal Model of Familial Alzheimer's Disease**

Eugenia Trushina, Mayo Clinic, USA

Group Photo

Coffee Break 11:00 -11:15 @ Foyer

Sessions:

Dementia Research
Neuropsychology & Neurophysiology

Session Chairs:

J. De Reuck, University Hospital, Belgium

Sergio Alberto Rosales-Corral, Mexican Institute of Social Security (IMSS), Mexico

11:15-11:35 **Title : Neuropsychological profiles in Alzheimer's disease**

April Wiechmann, University of North Texas Health Science Center, USA

11:35-11:55 **Title: The aminoacyl-tRNA synthetases as a target for oxidative stress as observed in neurodegenerative diseases, a bioinformatic analysis**

Sergio Alberto Rosales-Corral, Mexican Institute of Social Security (IMSS), Mexico

11:55-12:15 **Title: A cross-disciplinary approach to study the impact of visiting dogs in nursing homes**

Karen Thodberg, Aarhus University, Denmark

12:15-12:35 Title : **SAPREMO for safe aging - Prevention of demography associated cognitive dysfunction instead of therapeutic aspects with regard to patients' severe risk from polypharmacy - An innovative intervention and interprofessional approach**

Ursula Wolf, Martin-Luther-University Halle-Wittenberg, Germany

12:35-12:55 Title: **Identification of changes in neuronal function as a consequence of aging and tauopathic neurodegeneration using a novel and sensitive magnetic resonance imaging approach**

Jose Abisambra, University of Kentucky, USA

12:55-13:15 Title: **Changes in inflammation and oxidative stress in app/preseniline 1 mice**

Soraya L. Valles, University of Valencia, Spain

Lunch Break 13:15 -14:00 @ Restaurant

14:00-14:20 Title: **Epidemiology of dementias: An Indian experience**

Neelanjana Paul, Peerless Hospital, India

14:20-14:40 Title: **Are antipsychotics needed in treating BPSD?**

Satoshi Ueda, Nippon Medical School, Japan

14:40-15:00 Title: **Preliminary evidence that rivastigmine-induced inhibition of serum butyrylcholinesterase activity improves behavioral symptoms in Japanese patients with Alzheimer's disease**

Nobuyasu Bando, Kaisei General Hospital, Japan

15:00-15:20

Speaker Slot Available

15:20-15:40 Title : **Peptides derived from BMP-9 as promising molecules to treat Alzheimer's disease hallmarks**

Nathalie Faucheux, Université de Sherbrooke, Canada

15:40-16:00 Title: **Novel NMDA Modulation for Early-phase Alzheimer's disease**

Hsien-Yuan Lane, China Medical University College of Medicine, Taiwan

Coffee Break 16:00 -16:15 @ Foyer

16:15-16:35 Title: **Involvement of ATM/Chk2-p53 signaling pathway in B[a]P-induced neuronal apoptosis**

Jisheng Nie, Shanxi Medical University, China

16:35-16:55 **Title : Increased D-amino Acid Oxidase Level in the Peripheral Blood of Patients with Age-related Cognitive Decline**

Chieh-Hsin Lin, Kaohsiung Chang Gung Memorial Hospital, Taiwan

16:55-17:15 **Title: Artificial Intelligence for Dementia Screening**

Kelvin KF Tsoi, University of Hong Kong, Hong Kong

Panel Discussions

Day-2 September 08, 2017

Keynote Forum

09:30-10:00 **Title: Alzheimer and brain metabolism: what is the role of Amyloid Precursor Protein?**

Laurence RIS, University of Mons, Belgium

10:00-10:40 **Title: The Implications of Poor Oral Health in the Elderly**

Peter Foltyn, St Vincent's Hospital, Australia

Coffee Break 10:40 -10:55 @ Foyer

Sessions:

Alzheimer and Neuro Imaging

Pharmacological Treatment of Dementia

Parkinson Disease

Session Chairs

Laurence RIS, University of Mons, Belgium

Soraya L. Valles, University of Valencia, Spain

10:55-11:15 **Title: Deficit of TGF-beta 1 signaling in Alzheimer's disease and depression:searching for new pharmacological targets**

Filippo Caraci, University of Catania, Italy

11:15-11:35 **Title: Effects of amyloid- β deposition on mitochondrial complex I activity in brain: a PET study in aged monkeys**

Hideo Tsukada, Hamamatsu Photonics K.K, Japan

11:35-11:55 **Title : Gram-negative bacterial molecules associate with Alzheimer's disease pathology**

Xinhua Zhan, MIND Institute University of California at Davis, USA

11:55-12:15 **Title: Psychological impact of disclosing amyloid positron emission tomography results to asymptomatic individuals with subjective cognitive decline**

Masaru Mimura, Keio University School of Medicine, Japan

12:15-12:35 **Title: Predictive value of MRI visual rating and cognitive measures on conversion of MCI to DAT**

Michaela Defrancesco, Medical University of Innsbruck, Austria

12:35-12:55 **Title: Role of, CSF system mobility and Skull Biomechanics in base for Brain Dementia**

Mockalenko Yuri, Institute of evolutionary Physiology and Biochemistry
Russian Academy of Sciences, Russia

Lunch Break 12:55 -13:40 @ Restaurant

Poster Presentations (13:30 -14:30)

14:30-14:55 **Title: Ascertain if cognition helps to predict functional outcome in older comorbid stroke patients with severe loss of independence**

Marleen Huijben-Schoenmakers, Avans University for Applied Sciences, The Netherlands

14:55-15:15 **Title: Microdose lithium promotes anxiolytic-like effects in both male and female SAMP-8 mice**

Tania Araujo Viel, University of Sao Paulo, Brazil

15:15-15:35 **Title : Peptide derived from BMP-9 encapsulated into alginate/chitosan-based nanoparticle delivery system as a new therapeutic strategy against Alzheimer's disease**

Marc-Antoine Lauzon, Université de Sherbrooke, Canada

15:35-15:55 **Title : Different patterns of mitochondrial DNA mutations in Alzheimer's and Parkinson's disease**

Tiziana Casoli, Center for Neurobiology of Aging, Italy

Coffee Break 15:55 -16:10 @ Foyer

16:10-16:30 **Title: Neurotoxicity of Aluminum and its Induced Dementia**

Qiao NIU, Shanxi Medical University, China

16:30-16:50 **Title: Neuroinflammation, glial activation, oxidative stress and behavioral deficit in the hippocampus following short-term adrenalectomy**

Naserddine Hamadi, Constantine-1 University, UAE

16:50-17:10 **Speaker Slot Available**

Panel Discussions

Day-3 September 09, 2017

Sessions:

Dementia Care Practice
Neurological Disorders

Session Chairs

April Wiechmann, University of North Texas Health Science Center, USA

Elizabeth H. Arruda, Rush University, United States

09:30-09:50 **Title :Dementia Caregiver Grief and Bereavement: A Grounded Theory Study**

Elizabeth H. Arruda, Rush University, United States

09:50-10:10 **Title: Rehabilitation of patients with hip fracture and dementia- clinical implication**

Michal Elboim-Gabyzon, Biorobotics and Biomechanics Lab, Israel

10:10-10:30 **Title: From a Snake Venom to a Potential Drug for Alzheimer's Disease**

Sanjaya Kuruppu, Monash University, Australia

10:30-10:50 **Title: The Relationship between Frequency of Exposure to Aggressive Behaviour and Japanese Care Workers' Perception of the Behaviours**

Hiromi Hirata, University of Shiga Prefecture, Japan

Coffee Break 10:50 - 11:05 @ Foyer

11:05-11:25 **Title: Sleep disturbances in physiopathology of Alzheimer's disease**

Gerard Piñol Ripoll, Hospital Universitari Santa Maria Lleida, Spain

11:25-11:45 **Title : Current Challenge Faced by the Older Adults with Dementia - Comprehensive Community Care System**

Kazuyo Kanzaki SOOUDI, Iwaki Meisei University, Japan

11:45-12:05 **Title: Technology and the Future of Dementia Care**

Richard Fenker, Cimarron International LLC, United States

12:05-12:25 **Title: Imaging of Extracellular Nano Vesicles Exosomes in Dementia and Mental Health**

Atiqul Haq Mazumder, University of Oulu, Finland

12:25-12:45 **Title : The Identification and Characterisation of Small Molecule Human ABAD Inhibitors as Therapeutics in Alzheimer's Disease**
Laura Aitken, University of St Andrews, UK

12:45-13:05 **Title: Ranolazine actions on astrocytes viability**
Constanza Aldasoro, University of Valencia, Spain

Lunch Break 13:05 -13:50 @ Restaurant

13:50-14:10 **Title : Riluzole is an effective prodromal treatment in the A β PP/PS1 model of Alzheimer's disease**
Kevin N. Hascup, Southern Illinois University School of Medicine, USA

14:10-14:30 **Title: The role of Mindfulness and Spirituality in Patients with Alzheimer Disease**
Sara Lima, Social Science Institute University of Minho, Portugal

14:30-14:50 **Title: Imaging of Glutamate in CNS Disorders**
Mohammad Haris, University of Pennsylvania, USA

14:50-15:10 Speaker Slot Available

15:10-15:30 Speaker Slot Available

Panel Discussions

Thanks giving & Closing Ceremony

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

Poster Presentations

Title: Amyotrophic lateral sclerosis-related mutant superoxide dismutase
Seongman Kang, Korea University, Korea

Title: Novel HtrA2- Δ 2 and HtrA2- Δ 3 forms derived from the PD-associated HtrA2: Implications for autophagic regulation in PD
Si-Eun Yun, College of Medicine, The Catholic University, Korea

Title: Identification of zebrafish htra2 as an ortholog of human HTRA2: Establishment of the novel model system for HTRA2 in vivo study and the therapeutic study of Parkinson's disease

Junyeong Yi, Catholic university, Korea

Title: Docosahexaenoic acid enhances neurite outgrowth and neuronal protein expression in human neuroblastoma SH-SY5Y and the developing rat brain

HUI MIN SU, National Taiwan University, Taiwan

Title: Ranolazine Improves Damage Induced by Inflammation and Oxidative Stress in Astrocytes

Constanza Aldasoro, University of Valencia, Spain

Title: Early-onset Alzheimer's in a 40-year-old woman: Postmortem pathology

Francisca Tristán-Agundis, Fray Bernardino Álvarez Psychiatric Hospital, Mexico

We are pleased to inform you that we have only few speaker slots left, if you are interested please contact Steve Michael at dementiacongress@innovinc.org