

INNOVATIONS AND
STATE OF THE
ART IN DEMENTIA
RESEARCH

SEPTEMBER 07-09, 2017
ROME, ITALY

Innovinc International

5201 Great America Pkwy #320, Santa Clara, CA 95054, United States

Ph: +1-408-352-1010

301, Sri Venkateswara Residency, Balaji Nagar, Nizampet, Hyderabad, TG, India-500072

Ph: +918374242127

Scientific Program

Day-1 September 07, 2017

Hall - Olimpica 2

08:15-09:15 Registrations

09:15-09:30 Opening Ceremony

Keynote Forum

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

J De Reuck
Ghent University Hospital,
Belgium

10:10-10:50 **The Implications of Poor Oral Health in the Elderly**

Peter Foltyn
St Vincent's Hospital, Sydney,
Australia

Group Photo

Coffee Break 10:50 -11:10 @ 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

11:10-11:30 **Neuropsychological profiles in Alzheimer's disease**

April Wiechmann
University of North Texas
Health Science Center, USA

11:30-11:50 **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

11:50-12:10 **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

12:10-12:30 **A cross-disciplinary approach to study the impact of visiting dogs in nursing homes**

Karen Thodberg
Aarhus University, Denmark

12:30-12:50 **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 of
Halle-Wittenberg, Germany

12:50-13:10 **Changes in inflammation and oxidative stress in app/preseniline 1 mice**

Soraya L Valles
University of Valencia, Spain

Lunch Break 13:10 -13:55 @ Restaurant

Session Chairs: **Soraya L Valles**, University of Valencia, Spain

Peter Foltyn, St Vincent's Hospital, Australia

13:55-14:15 **Epidemiology of dementias: An Indian experience**

Neelanjana Paul
Peerless Hospital, Kolkata,
India

14:15-14:35 **Are antipsychotics needed in treating BPSD?**

Satoshi Ueda
University of Tokyo Health
Sciences, Japan

14:35-14:55	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
14:55-15:15	Deficit of TGF-β1 signaling in Alzheimer's disease and depression: searching for new pharmacological targets	Filippo Caraci University of Catania, Italy
15:15-15:35	Targeting Mitochondrial Complex I Activity Averts Cognitive Decline in Symptomatic Animal Model of Familial Alzheimer's Disease	Eugenia Trushina Mayo Clinic, USA
15:35-15:55	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

Coffee Break 15:55-16:10 @ Foyer

16:10-16:30	Novel NMDA Modulation for Early-phase Alzheimer's disease	Hsien-Yuan Lane China Medical University College of Medicine, Taiwan
16:30-16:50	Involvement of ATM/Chk2-p53 signaling pathway in B[a]P-induced neuronal apoptosis	Jisheng Nie Shanxi Medical University, China
16:50-17:10	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

Panel Discussions

Day-2 September 08, 2017

Hall - Olimpica 2

Keynote Forum

09:30-10:05	Alzheimer and brain metabolism: what is the role of Amyloid Precursor Protein?	Laurence RIS University of Mons, Belgium
10:05-10:40	Peptides derived from BMP-9 as promising molecules to treat Alzheimer's disease hallmarks	Nathalie Faucheux Université de Sherbrooke, Canada

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
Nathalie Faucheux, Université de Sherbrooke, Canada

10:55-11:15	Gram-negative bacterial molecules associate with Alzheimer's disease pathology	Xinhua Zhan MIND Institute, University of California at Davis, USA
11:15-11:35	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	Psychological impact of disclosing amyloid positron emission tomography results to asymptomatic individuals with subjective cognitive decline	Masaru Mimura Keio University School of Medicine, Japan
11:55-12:15	Predictive value of MRI visual rating and cognitive measures on conversion of MCI to DAT	Michaela Defrancesco Medical University of Innsbruck, Austria

- 12:15-12:35 **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
- 12:35-12:55 **Microdose lithium promotes anxiolytic-like effects in both male and female SAMP-8 mice** **Tania Araujo Viel**
University of Sao Paulo, Brazil

Lunch Break 12:55 -13:40 @ Restaurant

Poster Presentations (13:30 -14:30)

- Session Chairs:** **Xinhua Zhan**, University of California, USA
Tiziana Casoli, Center for Neurobiology of Aging, Italy
- 14:30-14:50 **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
- 14:50-15:10 **Different patterns of mitochondrial DNA mutations in Alzheimer's and Parkinson's disease** **Tiziana Casoli**
Center for Neurobiology of Aging, Italy
- 15:10-15:30 **Neurotoxicity of Aluminum and its Induced Dementia** **Qiao Niu**
Shanxi Medical University, China
- 15:30-15:50 **Artificial Intelligence for Dementia Screening** **Kelvin KF Tsoi**
The University of Hong Kong, Hong Kong

Coffee Break 15:50 -16:05 @ Foyer

- 16:05-16:25 **The role of Mindfulness and Spirituality in Patients with Alzheimer Disease** **Sara Lima**
University CESPU/INFACTS , Instituto Politécnico da Saúde do Norte, Portugal
- 16:25-16:45 **Potentials of Gangetin based Phytopharmaceutical Formulation MYSGAN-2 in Management of Dementia** **Hanumanthachar Joshi**
Sarada Vilas College of Pharmacy, India
- 16:45-17:05 **Modeling Progression in Neurodegenerative Diseases Using Network Connectivity** **Ashish Raj**
The Feil Family Brain and Mind Research Institute, USA

Panel Discussions

Day-3 September 09, 2017

Hall - Olimpica 2

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 **From a Snake Venom to a Potential Drug for Alzheimer's Disease** **Sanjaya Kuruppu**
Monash University, Australia
- 09:50-10:10 **Thinking outside the box - Hip fracture and dementia: literature review and implications for patient physical rehabilitation** **Michal Elboim-Gabyzon**
University of Haifa, Israel
- 10:10-10:30 **Dementia Caregiver Grief and Bereavement: A Grounded Theory Study** **Elizabeth H. Arruda**
Rush University, United States
- 10:30-10:50 **The Relationship between Frequency of Exposure to Aggressive Behaviour and Japanese Care Workers' Perception of the Behaviours** **Hiroshi Hirata**
University of Shiga Prefecture, Japan

Coffee Break 10:50 -11:05 @ Foyer

11:05-11:25	Sleep disturbances in physiopathology of Alzheimer's disease	Gerard Piñol Ripoll Hospital Universitari Santa Maria Lleida, Spain
11:25-11:45	Current Challenge Faced by the Older Adults with Dementia -Comprehensive Community Care System	Kazuho Kanzaki Sooudi Iwaki Meisei University, Japan
11:45-12:05	Imaging of Extracellular Nano Vesicles Exosomes in Dementia and Mental Health	Atiqul Haq Mazumder University of Oulu, Finland
12:05-12:25	Riluzole is an effective prodromal treatment in the AβPP/PS1 model of Alzheimer's disease	Kevin N Hascup Southern Illinois University School of Medicine, USA
12:25-12:45	Ranolazine actions on astrocytes viability	Constanza Aldasoro University of Valencia, Spain
12:45-13:05	The Identification and Characterisation of Small Molecule Human ABAD Inhibitors as Therapeutics in Alzheimer's Disease	Laura Aitken University of St Andrews, UK

Lunch Break 13:05-13:50 @ Restaurant

13:50-14:10	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
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Panel Discussions

Thanks giving & Closing Ceremony

Poster Presentations

ISADR-101	Amyotrophic lateral sclerosis-related mutant superoxide dismutase 1 proteins form aggregates, which inhibit cell survival by sequestering cellular key proteins	Seongman Kang Korea University, Korea
ISADR-102	Novel HtrA2-α and HtrA2-β forms derived from the PD-associated HtrA2: Implications for autophagic regulation in PD	Si-Eun Yun College of Medicine, The Catholic University, Korea
ISADR-103	Early-onset Alzheimer's in a 40-year-old woman: Postmortem pathology	Francisca Tristán-Agundis Fray Bernardino Álvarez Psychiatric Hospital, Mexico
ISADR-104	Ranolazine Improves Damage Induced by Inflammation and Oxidative Stress in Astrocytes	Constanza Aldasoro University of Valencia, Spain
ISADR-105	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
ISADR-106	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
ISADR-107	Investigation of the effects of apigenin on neuroprotective, antiinflammatory and proinflammatory cytokine response in brain tissue in mouse model of Parkinson's	Gul Fatma Yarim Ondokuz Mayıs University, Turkey
ISADR-108	Brain tissue level of nerve growth factor in a mouse model of cuprizone-induced demyelination	Murat Yarim Ondokuz Mayıs University, Turkey
ISADR-109	Neuroinflammation, glial activation, oxidative stress and behavioral deficit in the hippocampus following short-term adrenalectomy	Naserddine Hamadi Constantine-1 University, UAE

We wish to See you again
at

**2nd Innovations and State of the
Art In Dementia Research**

Dates: July 16-18, 2018

Website URL: <https://alzheimers-dementia.org/>

**Venue: Meliá Valencia Av. de Les Corts Valencianes
52, 46015 Valencia, Spain**



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5201 Great America Pkwy #320, Santa Clara, CA 95054, United States

Ph: +1-408-352-1010

301, Sri Venkateswara Residency, Balaji Nagar, Nizampet, Hyderabad, TG, India-500072

Ph: +918374242127