

XIV Convegno Nazionale

SINdem

Firenze, 7-9 marzo 2019

SINdem
Associazione Autonoma Aderente
alla SIN per le Demenze



COMITATO DI PRESIDENZA

Carlo Ferrarese
Federica Agosta
Amalia Cecilia Bruni
Stefano Cappa
Daniela Galimberti

COMITATO SCIENTIFICO

Giuseppe Bruno
Orso Bugiani
Annachiara Cagnin
Monica Di Luca
Gianluigi Forloni
Giovanni Frisoni
Maria Luisa Gorno Tempini
Giancarlo Logroscino
Donata Luiselli
Flavio Nobili
Daniela Perani
Stefano Sensi
Maria Grazia Spillantini
Massimo Tabaton
Nicola Vanacore
Annalena Venneri

SEGRETERIA ORGANIZZATIVA

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LINGUE DEL CONVEGNO

Italiano e Inglese

SITO

www.sindem.org

CONSIGLIO DIRETTIVO

	<i>Probiviri</i>	Benedetta Nacmias Elio Scarpini Fabrizio Tagliavini
<i>Presidente</i>	Carlo Ferrarese	
<i>Past President</i>	Stefano Francesco Cappa	<i>Revisori dei conti</i>
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<i>Consiglieri</i>	Laura Bonanni Biancamaria Guarnieri Giacomo Koch Leonardo Pantoni Lucilla Parnetti Vincenzo Silani Pietro Tiraboschi	

Giovedì 7 Marzo 2019

AUDITORIUM

11.00-11.30

SINDEM4JUNIORS: AN UPDATE FROM BRESSANONE 2019

Chairpersons: Alberto Benussi and Francesco Di Lorenzo

11.00 **Highlights VII Sindem4Juniors Bressanone 2019**

Mauro Bozzali and Andrea Arighi

BRESSANONE'S FLASH ORAL COMMUNICATIONS

11.15 **CSF biomarkers in Mild Cognitive Impairment: a longitudinal retrospective analysis and a comparison with [18F]FDG-PET**

Giordano Cecchetti

11.20 **Relationship between enlarged perivascular spaces and β^2 -amyloid load in familial Alzheimer's Disease**

Fernanda Troili

11.25 **Application of the 2018 NIA-AA Research Framework to a large cohort of patients with cognitive impairment: from biological biomarkers to clinical syndromes**

Tiziana Carandini

11.30-13.00

SCIENTIFIC SESSION 1

Cognitive disorders and Frailty

promoted by SINDEM Cognitive Frailty Study Group

Chairpersons: Giuseppe Bruno and Stefano Sensi

11.30 **The complexity of the aging process and global health**

Matteo Cesari

11.50 **The model of deficit accumulation in cognitive disorders**

Marco Canevelli

12.10 **Smart Aging: paving the way to cognitive fitness**

Stefano Sensi

ORAL COMMUNICATIONS

Chairpersons: Giancarlo Logroscino and Massimo Musicco

12.30 **Oral health and dental care in patients with dementia: a retrospective study**

Mario Ghezzi, S. Pomati, A. Busa, V. Rania, G. Donati, I. Cova, L. Maggiore, A. Sparaco, L. Pantoni, *Milan*

12.40 **The use of a clinical custom-build Frailty Index to exploring the relationship between frailty and cognitive impairment in Alzheimer's disease in clinical practice**

Chiara Cupidi, N. Smirne, P. Insardà, V. Laganà, R. Colao, F. Frangipane, G. Puccio, S. Curcio, M. Mirabelli, R. Maletta, R. Di Lorenzo, M. Canevelli, A. Bruni, *Catanzaro, Lamezia Terme, Rome*

12.50 **Development and implementation of "integrated care pathways": a survey of 11 Italian regions**

Giuseppe Gervasi, V. Zaccaria, E. Lacorte, I. Bacigalupo, M. Canevelli, F. Mayer, M. Mazzola, T. Di Fiandra, N. Vanacore, *Rome*

13.00 **LUNCH AND POSTER SESSION 1**

Chairpersons: Ildebrando Appollonio, Maria Teresa Dotti, Alessandro Iavarone, Gabriella Marcon, Michela Marcon, Roberto Monastero, Maria Serpente

14.00-15.30

SCIENTIFIC SESSION 2

Biomarkers in dementia with Lewy bodies (DLB): news and views

promoted by SINDEM DLB Study Group

Chairpersons: Laura Bonanni and Flavio Nobili

14.00 **Neurophysiology: EEG and videopolisomnography**

Claudio Babiloni

14.20 **MRI tools: structural and functional imaging**

Federica Agosta

14.40 **Molecular imaging biomarkers in DLB**

Flavio Nobili

ORAL COMMUNICATIONS

Chairpersons: Massimo Tabaton and Pietro Tiraboschi

15.00 **Atrophy progression over time in non-amnesic Alzheimer's disease**

Fulvio Da Re, J. Phillips, C. Ferrarese, D. Irwin, C. McMilan, S. Vaishnavi, S. Xie, E. Lee, P. Cook, J. Gee, L. Shaw, J. Trojanowski, D. Wolk, M. Grossman, *Milan, Philadelphia, USA*

15.10 **Exploring the role of the NPC1 N222S mutation as genetic risk factors for early onset parkinsonism with cognitive impairment and neuropsychiatric syndrome**

Tommaso Piccoli, C. Cupidi, D. Noto, A. Giammanco, F. Giacalone, R. Monastero, M. Averna, *Palermo, Lamezia Terme, Marsala TP*

15.20 **Oral Microbiome, Markers of Inflammation and Cognitive Impairment in Centenarians from "CaT: Centenari a Trieste" Study**

Giuseppina Campisciano, F. Vella, K. Rupel, C. Cason, M. Biasotto, R. Di Lenarda, M. Comar, M. Tettamanti, G. Marcon, *Trieste, Milan, Udine*

15.30-16.30

SYMPOSIUM

Controversies: The prodromal stage of Parkinson's Disease/Dementia with Lewy Bodies and Alzheimer's disease: defining the boundaries for tailored therapeutic options

with unrestricted grant by GE Healthcare

Chairpersons: Laura Bonanni and Alessandro Padovani

15.30 **DLB vs PDD: just two sides of the same coin? Implication for future treatments**

Dag Aarsland

15.50 **The DLB core features in Alzheimer's disease. Implication for diagnosis and treatment**

Evelien Lemstra

16.10 **The clinical use of PET and SPECT in DLB vs AD differential diagnosis**

Laura Bonanni

16.30 **Comments and conclusions**

Alessandro Padovani

Giovedì 7 Marzo 2019

AUDITORIUM

16.35 **COFFEE BREAK**

17.00-17.30

LECTURE

Imaging neurodegeneration using MRI

with unrestricted grant by Biogen

Speaker: Massimo Filippi

Discussant: Alessandro Padovani

17.30-18.30

SCIENTIFIC SESSION 3

Alzheimer's Strategic Project: harmonizing diagnostic and management protocols in dementia

funded by the Italian Ministry of Health

Codice NET:NET-2011-02346784

Chairpersons: Gianfranco Spalletta and Daniela Perani

17.30 **Creating an Italian Network for the development and validation of research diagnostic criteria of preclinical/predementia stages of Alzheimer's Disease and early identification of atypical presentations**
Fabrizio Tagliavini

17.50 **Inter-society guidelines of biomarker-based diagnosis**
Giovanni Frisoni

18.10 **Diagnostic and Therapeutic Healthcare Procedures for dementia in five Italian regions**
Graziella Filippini

CERIMONIA DI INAUGURAZIONE

18.30 **Saluti di apertura**

Carlo Ferrarese, *Presidente SINDem*

18.40 **Saluti dei Presidenti SIN, AIP, SINeG**

19.00-20.00

TAVOLA ROTONDA

La sfida delle nuove terapie e la risposta delle istituzioni italiane ed europee

Moderatori: Carlo Ferrarese, Presidente SINDem e

Monica Di Luca, Presidente European Brain Council

- Nicola Vanacore, *Istituto Superiore di Sanità*
- Rappresentante AIFA
- Paolo Maria Rossini, *Progetto Interceptor*
- Monica Di Luca, *European Brain Council*
- Carlo Ferrarese, *Presidente SINDem*

20.00 **Cocktail di benvenuto**

8.30-10.00

SCIENTIFIC SESSION 4

Sleep and sleep-wake rhythm disturbances in dementias

promoted by SINDEM Sleep Study Group

Chairpersons: Biancamaria Guarnieri and Giuseppe Plazzi

8.30 Sleep problems: new tools for the prevention and pathogenesis of dementias

Biancamaria Guarnieri

8.50 Endogenous melatonin and AD: from physiopathology to clinical practice

Michele Terzaghi

9.10 Clock, mitochondrial and melanopsin genes in MCI and AD: the Italian multicenter study

Annalisa Lo Gerfo and Chiara La Morgia

ORAL COMMUNICATIONS

Chairpersons: Annalena Venneri and Laura Bracco

9.30 Clinical, cognitive and fMRI effects of Action Observation and Motor Imagery Training on dual-task performances in Parkinson's disease patients with postural instability and gait disorders

Michela Leocadi, M. Leocadi, F. Agosta, E. Canu, E. Sarasso, N. Piramide, F. Imperiale, S. Galantucci, A. Tettamanti, M. Volontè, M. Filippi, *Milan*

9.40 Noradrenergic network dysfunction in isolated REM behaviour disorder

Giulia Carli, S. Caminiti, A. Sala, A. Galbiati, F. Casoni, A. Pilotto, A. Padovani, L. Ferini-Strambi, D. Perani, *Milan*

9.50 Free and Cued Selective Reminding Test predicts [18F]florbetaben PET results in MCI and mild dementia

Marco Spallazzi, G. Michelini, F. Barocco, F. Dieci, S. Copelli, G. Messa, L. Ruffini, G. Pavesi, P. Caffarra, *Parma, Cremona, Bergamo*

10.00-11.00

SYMPOSIUM

Alzheimer's disease: early diagnosis in a new framework

with unrestricted grant by Biogen

Chairpersons: Carlo Ferrarese and Carlo Caltagirone

10.00 New AD research framework and prevention initiatives

Juan Domingo Gispert López

10.20 Current state of Alzheimer's fluid biomarkers

Kaj Blennow

10.40 The role of neuroimaging for an early diagnosis and pathophysiological comprehension of Alzheimer's disease

Marco Bozzali

11.00 **COFFEE BREAK**

Venerdì 8 Marzo 2019

AUDITORIUM

11.30-13.00

SCIENTIFIC SESSION 5

Cerebral Amyloid Angiopathy-related inflammation (CAA-ri): an increasingly emerging disease

promoted by The inflammatory cerebral amyloid angiopathy and Alzheimer's disease biomarkers Sindem Study Group
Chairpersons: Fabrizio Piazza and Leonardo Pantoni

11.30 **Comorbidity of AD and CAA: neuropathology overview**

Fabrizio Tagliavini

11.50 **CAA-ri and Amyloid Related Imaging Abnormalities (ARIA) in AD: emerging diagnostic, prognostic and treatment findings from National and International Research Programs**

Fabrizio Piazza

12.10 **In-vivo imaging of brain Inflammation and amyloid deposition in CAA-ri: a Collaborative PET and MRI Longitudinal Study**

Daniela Perani

ORAL COMMUNICATIONS

Chairpersons: Gianluigi Forloni and Daniela Galimberti

12.30 **Plasma derived exosomal microRNAs profile: new potential biomarkers for Alzheimer's Disease (AD) diagnosis**

Marianna D'Anca, M. Serpente, C. Fenoglio, M. Arcaro, E. Oldoni, G. Fumagalli, A. Arighi, A. Cattaneo, L. Porretti, E. Scarpini, D. Galimberti, *Milan, Leuven B*

12.40 **Investigating correlations between salivary and cerebrospinal fluid A β 42 concentrations in patients with dementia**

Innocenzo Rainero, E. Rubino, S. Boschi, A. Vacca, M. Vigliani, C. Borghese, F. Roveta, E. Gallo, M. Giordana, *Turin, Florence*

12.50 **RT-QuIC detection of alpha-synuclein seeds in CSF of patients with rapidly progressive dementia**

Michele Fiorini, M. Bongianni, D. Perra, A. Ladogana, S. Capaldi, A. Cagnin, A. Poleggi, P. Parchi, B. Ghetti, T. Cattaruzza, S. Monaco, M. Pocchiari, G. Zanusso, *Verona, Rome, Padua, Bologna, Trieste*

13.00 **LUNCH AND POSTER SESSION 2**

Chairpersons: Andrea Arighi, Alberto Benussi, Elisa Canu, Antonio Daniele, Francesco Di Lorenzo, Valeria Isella, Micaela Mitolo, Innocenzo Rainero

14.30-16.00

SCIENTIFIC SESSION 6

Pharmacological management of restlessness/aggressiveness in dementia: bridging the gap between available evidence and everyday clinical practice

promoted by SINDEM BPSD Study group in collaboration with Cochrane Neurological Network
Chairpersons: Elisabetta Farina, Claudio Mariani and Lucio Tremolizzo

14.30 **Introduction: restlessness and aggressiveness**

Lucio Tremolizzo and Elisabetta Farina

14.40 Restlessness and aggressiveness: evidence-based choice of the best treatment
Maria Grazia Celani

15.00 Restlessness and aggressiveness: symptom management in the real clinical practice
Margherita Alberoni

15.20 Discussion

ORAL COMMUNICATIONS

Chairpersons: Carla Pettenati and Elio Scarpini

15.30 Are statins effective for AD treatment? Results from a biomarker-based study
Eugenia Scaricamazza, C. Motta, V. De Lucia, V. Bramato, I. Giambini, G. Koch, A. Martorana, *Rome*

15.40 A possible role of Palmitoylethanolamide combined with Luteoline in Frontotemporal Dementia treatment: a clinical and TMS-EEG study
Martina Assogna, C. Motta, F. Di Lorenzo, S. Bonni, M. Minei, I. Borghi, E. Casula, A. Martorana, G. Koch, *Rome*

15.50 Neurocognitive assessment and retinal thickness alterations in Alzheimer's disease: is there a correlation?
Virginia Cipollini, S. Abdolrahimzadeh, F. Troili, A. De Carolis, S. Calafiore, G. Scuderi, F. Giubilei, *Rome*

16.00-16.30

SYMPOSIUM

CSF Biomarkers and early diagnosis of Alzheimer's disease

with unrestricted grant by Roche Diagnostics

Speaker: Lucilla Parnetti

Discussant: Carlo Ferrarese

16.30 **COFFEE BREAK**

17.00-18.00

SYMPOSIUM

Sleep apnea and cognitive decline: new research and clinical perspectives

Chairpersons: Sandro Sorbi and Federica Provini

17.00 Sleep disordered breathing as a risk factor for dementia: focus on CSF biomarkers
Claudio Liguori

17.20 Sleep apnea treatment: a new possible disease modifying approach to dementia
Michelangelo Maestri Tassoni

17.40 Towards the best compliance to OSA treatments in men and women with cognitive decline
Biancamaria Guarnieri

Venerdì 8 Marzo 2019

AUDITORIUM

18.00-19.00

SCIENTIFIC SESSION 7

Dementia and driving

promoted by SINDEM Ethics Study Group

*Chairpersons: Gabriella Bottini, Paolo Caffarra
and Andrea Stracciari*

18.00 **Environmental navigation in aging**
Cecilia Guariglia

18.20 **Testamentary capacity assessment in patients with Dementia**
Sokratis Papageorgiou

18.40 **Driving suitability evaluation: between autonomy and
patient protection**
Daniela Ovardia

19.00 **ASSEMBLEA DEI SOCI SINDEM**

19.30 **HAPPY HOUR**

9.00-10.30

SYMPOSIUM

Neuroinflammation in Aging and Neurodegenerative Diseases

with unrestricted grant by Epitech

Chairpersons: Daniela Perani and Luca Steardo

9.00 Introduction

Daniela Perani

9.15 Neuroimaging of Neuroinflammation

David Brooks

9.45 Neuroglia: Functional Paralysis and Reactivity in Neurodegenerative Pathologies

Alexei Verkhratsky

10.15 Concluding remarks

Luca Steardo

10.30 **COFFEE BREAK**

11.00-13.00

SCIENTIFIC SESSION 8

Frontotemporal dementia, dissecting complexity

promoted by SINDEM FTD Study Group

in collaboration with Associazione Italiana Malattia

Frontotemporale

Chairpersons: Amalia Cecilia Bruni and Barbara Borroni

11.00 Frontotemporal dementia: the evolution of research towards the knowledge

Maria Grazia Spillantini

11.50 The diagnostic challenge of bvFTD and primary psychiatric disorders

Anna Chiara Cagnin

ORAL COMMUNICATIONS

Chairpersons: Benedetta Nacmias and Vincenzo Silani

12.30 Disentangling executive dysfunction from slow processing speed due to motor disability in amyotrophic lateral sclerosis: normative values of verbal fluency indices

Veronica Castelnovo, F. Agosta, E. Canu, M. Leocadi, N. Riva, F. Imperiale, C. Cividini, Y. Falzone, M. Filippi, *Milan*

12.40 Cerebellar brain inhibition as a diagnostic marker for Progressive Supranuclear Palsy

Alberto Benussi, V. Dell'Era, V. Cantoni, R. Turrone, A. Pilotto, M. Cotelli, C. Rizzetti, A. Padovani, B. Borroni, *Brescia, Trescore Balneario BS*

12.50 Intrusive errors in memory assessment in Mild cognitive impairment and Alzheimer's Disease: data from the multicentric study PE-2013-02356465

Michela Brambilla, L. Maggiore, I. Cova, F. Alemanno, S. Iannaccone, L. Pantoni, M. Parra, S. Della Sala, S. Pomati, *Milan, Edinburgh UK*

13.00 **TEST DI APPRENDIMENTO ECM**

13.30 **LUNCH**

Sabato 9 Marzo 2019

AUDITORIUM

13.30-16.30

COURSE ON NEUROPSYCHOLOGY

From now to the future

in collaboration with AIP

Organizers: Paolo Caffarra and Camillo Marra

Early diagnosis of atypical Alzheimer's disease:

13.30 **Logopenic variant**
Davide Quaranta

13.55 **Posterior Cortical Atrophy**
Maria Caterina Silveri

The Fronto-temporal degeneration spectrum:

14.20 **The behavioral variant**
Ildebrando Appollonio

14.45 **The language variant**
Stefano Cappa

15.10 **Testamentary Capacity assessment in patients with Dementia**
Sokratis Papageorgiou

15.35 **The neuropsychology of Delirium**
Giuseppe Bellelli

16.00 **The neuropsychology of pre-MCI
(subjective cognitive deficit)**
Emilia Salvadori

13.30-16.30

COURSE ON DIAGNOSTIC TOOLS IN DEMENTIA

Organizers: Federica Agosta and Daniela Galimberti

13.30 **Contribution of genetics**
Amalia Cecilia Bruni

14.00 **Contribution of CSF**
Daniela Galimberti

14.30 **Contribution of molecular imaging**
Daniela Perani

15.00 **Contribution of MRI**
Federica Agosta

15.30 **Impact of Brain Connectivity and Reserve**
Marco Bozzali

16.00 **Non-invasive brain stimulation**
Giacomo Koch

Poster Session 1

GIOVEDÌ 7 MARZO 2019 - ORE 13.00

Chairpersons: Ildebrando Appollonio, Maria Teresa Dotti, Alessandro Iavarone, Gabriella Marcon, Michela Marcon, Roberto Monastero, Maria Serpente

- 1 The clinical utility of Transcranial Magnetic Stimulation in the differential diagnosis of patients with Mild Cognitive Impairment
Alberto Benussi, M. Cotelli, C. Ferrari, V. Cantoni, V. Dell’Era, R. Turrone, B. Paghera, B. Borroni, A. Padovani, *Brescia, Esine BS*
- 2 Concordance between CSF biomarkers and amyloid PET imaging in clinical setting
Luca Sacchi, G. Fumagalli, A. Arighi, M. Mercurio, C. Fenoglio, M. Serpente, M. Arcaro, M. D’Anca, A. Pietroboni, L. Ghezzi, A. Colombi, M. Scarioni, T. Carandini, D. Galimberti, G. Marotta, E. Scarpini, *Milan*
- 3 Transcranial magnetic stimulation distinguishes patients with behavioral variant of frontotemporal dementia from non fluent Primary Progressive Aphasia patients
Francesco Di Lorenzo, M. Assogna, C. Motta, S. Bonni, V. Ponzio, C. Caltagirone, A. Martorana, G. Koch, *Rome*
- 4 A Case with Early Onset Alzheimer’s Disease, Frontotemporal Hypometabolism, ApoE Genotype 4/4 and C9ORF72 Intermediate Expansion: a Treviso Dementia (TREDem) Registry Case Report
Maurizio Gallucci, C. Dell’Acqua, C. Bergamelli, C. Fenoglio, M. Serpente, D. Galimberti, V. Fiore, S. Medea, M. Gregianin, E. Di Battista, *Treviso, Milan*
- 5 Alzheimer’s Disease genetics in clinical practice: a case report
Giulia Paroni, P. Bisceglia, R. Latino, E. Calà, G. Desina, E. Perrone, L. di Mauro, M. Leone, A. Greco, D. Seripa, *San Giovanni Rotondo FG*
- 6 Apolipoprotein E - risk or protective factor for Alzheimer’s Disease according to the new NIA-AA Research Framework guidelines
Caterina Motta, F. Di Lorenzo, S. Toniolo, M. Assogna, V. Bramato, G. Koch, N. Mercuri, A. Martorana, *Rome*
- 7 Neuroscience and criminal law: a possible linkage? A recent Italian case report
Mirko Avesani, *Verona*
- 8 Dysprosody as atypical presentation of frontotemporal dementia.
Caterina Francesca Bagella, S. Nuvoli, R. Ortu, C. Frau, A. Salis, G. Sechi, *Sassari*
- 9 Exceptional long stability of visual symptoms in a patient with Heidenhain variant of sporadic CJD
Paola Caroppo, S. Prioni, C. Villa, A. Lanari, S. Basilico, M. Catania, E. Bistaffa, G. Salzano, G. Legname, F. Moda, G. Giaccone, *Milan, Trieste*
- 10 Mining clinical and laboratory data of neurodegenerative diseases by Machine Learning: patients stratification and diagnostic accuracy
Mara D’Onofrio, I. Arisi, R. Brandi, M. Sonnessa, F. Malerba, R. Florio, M. Canevelli, P. Mecocci, F. Stocchi, G. Bruno, A. Cattaneo, *Rome, Perugia*
- 11 Exploit Frailty Index as a unifying innovative metric for neurodegeneration
Ivan Arisi, M. Canevelli, R. Brandi, M. Sonnessa, F. Malerba, R. Florio, M. D’Onofrio, G. Bruno, *Rome*
- 12 Cognitive Impairment and behavioral abnormalities: an unusual presentation of neuromyelitis optica
Giada Ricciardo Rizzo, F. Sica, E. Olivola, L. Belli, C. Femiano, E. Dolcetti, P. Bellantonio, N. Modugno, D. Centonze, *Pozzilli IS, Rome*

- 13 Cognitive impairment associated to CMT1B: a case report of a novel finding
Sergio Altomare, S. D'Alessandro, G. Falcicchio, F. Rizzo, A. Dellomonaco, V. Lavermicocca, T. Francavilla, M. Guido, G. Libro, S. Zoccolella, A. La Neve, R. Pellicciari, M. Trojano, I. Simone, *Bari*
- 14 Early visuo-spatial alterations predict progression of cognitive decline in dementia with Lewy bodies
Cinzia Bussé, S. Primavera, A. Zangrossi, G. Zorzi, F. Fragiaco, G. Gazzola, G. Camporese, P. Caffarra, A. Cagnin, *Florence, Padua, Parma*
- 15 Further research on autonomic correlates of behavioral symptoms in Alzheimer's Disease
Benedetta Storti, C. Filippi, A. Marchegiani, R. Acampora, G. Nastasi, F. Da Re, E. Conti, C. Salito, D. Bovio, C. Ferrarese, I. Appollonio, L. Tremolizzo, *Milan*
- 16 Neurovascular dysfunction in Alzheimer's Disease: assessment of cerebral vasoreactivity by ultrasound techniques and evaluation of circulating progenitor cells and inflammatory markers
Virginia Cipollini, G. Sette, P. Bussé, F. Troili, F. Salani, A. De Carolis, F. Giubilei, *Rome*
- 17 Cognitive disorders in the immigrant population: a retrospective study in an outpatient service in Milan (2001-2017)
Federica Del Tedesco, I. Cova, L. Maggiore, V. Cucumo, M. Brambilla, L. Pantoni, S. Pomati, *Milan*
- 18 Cognition after acute cerebrovascular diseases: one-year experience in an Italian Stroke Unit
Francesco Mele, I. Cova, L. Maggiore, F. Zerini, M. Ferrari, S. Rosa, P. Bertora, C. Bortolami, S. Pomati, L. Pantoni, *Milan*
- 19 Autoimmune encephalitis is the most frequent cause of treatable rapidly progressive dementia in a memory clinic: a single center experience
Gianmarco Gazzola, G. Camporese, F. Fragiaco, G. Zorzi, C. Bussé, M. Tagliapietra, B. Giometto, A. Cagnin, *Padua, Verona, Trento*
- 20 A survey on clinical perception and treatment options for Behavioral and Psychological Symptoms of Dementia (BPSD): preliminary results focusing on the pharmacological therapies
Fabrizia D'Antonio, L. Tremolizzo, S. Pomati, S. Lorusso, M. Zuffi, E. Farina for the BPSD SINDEM Study Group, *Rome, Milan, Rimini, Castellanza VA*
- 21 Libra index in relation to cognitive function, functional independence and psycho-behavioral symptoms in a sample of non-institutionalized seniors with MCI or SCD
Flaminia Franchini, S. Di Santo, F. Ratto, M. Musicco, C. Caltagirone, *Rome, Milan*
- 22 Estimating Italian cases of normal pressure hydrocephalus (NPH): a systematic review
Valerio Zaccaria, E. Lacorte, G. Gervasi, M. Canevelli, I. Bacigalupo, F. Mayer, N. Vanacore, *Rome*
- 23 Estimating dementia cases among migrants living in Europe
Marco Canevelli, E. Lacorte, I. Cova, V. Zaccaria, M. Valletta, R. Raganato, G. Bruno, A. Bargagli, S. Pomati, L. Pantoni, N. Vanacore, *Rome, Milan*
- 24 A survey of Centers for Cognitive Disorders and Dementias (CCDDs) in Italy
Marco Canevelli, A. Di Pucchio, F. Mayer, M. Massari, F. Marzolini, L. Penna, E. Lacorte, I. Bacigalupo, T. Di Fiandra, N. Vanacore, *Rome*

Poster Session 1

GIOVEDÌ 7 MARZO 2019 - ORE 13.00

- 25 Standardization of the epidemiological monitoring of dementias: definition and validation of an algorithm for the identification of cases
Ilaria Bacigalupo, A. Bargagli, N. Agabiti, S. Scalmana, S. Cascini, M. Diavoli, T. Di Fiandra, N. Vanacore, I. Bacigalupo, V. Zaccaria, A. Di Palma, M. Rinaldi, D. Imperiale, P. Secreto, R. Gnani, P. Francesconi, C. Biagini, *Rome, Naples, Turin, Florence*
- 26 Monozygotic twins with Frontotemporal dementia due to Thr272fs GRN mutation discordant for age at onset
Giorgio Giulio Fumagalli, L. Sacchi, P. Basilico, A. Arighi, T. Carandini, M. Scarioni, A. Colombi, A. Pietroboni, L. Ghezzi, C. Fenoglio, M. Serpente, M. D'anca, M. Arcaro, M. Mercurio, F. Triulzi, E. Scola, G. Marotta, E. Scarpini, D. Galimberti, *Milan*
- 27 Extensive genetic analysis in a case series of atypical dementia with in vivo biomarkers suggestive of Alzheimer's Disease
Mariano Oliva, D. Saracino, G. Puoti, S. Pappatà, G. Di Fede, M. Catania, M. Ricci, S. Cimini, G. Giaccone, G. Rossi, S. Bonavita, C. Coppola, *Naples, Milan*
- 28 Detection of rare variants in patients affected by neurodegenerative diseases using HaloPlexHS Target Enrichment System
Federica Sorrentino, C. Fenoglio, M. Serpente, M. D'anca, L. Caracciolo, A. Arighi, E. Scarpini, D. Galimberti, *Milan*
- 29 Heterozygous mutation in NPC2 gene in a patient with atypical Alzheimer's Disease: a new genetic risk factor?
Andrea Arighi, T. Carandini, C. Fenoglio, A. Pietroboni, G. Fumagalli, L. Ghezzi, M. De Riz, M. Scarioni, A. Colombi, M. Mercurio, M. Serpente, E. Scarpini, D. Galimberti, *Milan*
- 30 A novel splicing mutation in the granulin gene underlies frontotemporal lobar degeneration with different phenotypes
Anna Bartoletti Stella, S. de Pasqua, I. Bartolomei, F. Pastorelli, S. Baiardi, S. Piras, R. Poda, M. Stanzani-Maserati, F. Salvi, R. Liguori, P. Parchi, S. Capellari, *Bologna*
- 31 Incomplete penetrance in familial Alzheimer's Disease with PSEN1 Ala260Gly mutation
Benedetta Nacmias, I. Piaceri, C. Galli, A. Chiari, S. Bagnoli, M. Molinari, G. Vinceti, S. Sorbi, *Florence, Modena*
- 32 Post-partum psychotic depression heralding early onset Alzheimer's Disease with PSEN1 L226F mutation: case report and review
Francesca Bartesaghi, C. Rosci, C. Rassiga, V. Barbieri, O. Gambini, S. Floro, A. D'Arrigo, A. Del Sole, E. Scarpini, D. Galimberti, A. Priori, *Milan*
- 33 A case of Creutzfeldt-Jakob Disease associated with PRNP V203I mutation
Ilaria Gandoglia, L. Strada, I. Bonanni, D. Brogi, E. Di Maria, M. Del Sette, *Genoa*
- 34 CADASIL, a leading cause of familial vascular dementia: an update on the molecular diagnosis in our reference center
Silvia Bianchi, I. Di Donato, G.N. Gallus, I. Taglia, A. Federico, M.T. Dotti, *Siena*
- 35 A novel mutation in XPR1 gene causes Primary Familial Brain Calcification with progressive cognitive impairment
Ilaria Taglia, A. Mignarri, I. Di Donato, A. Trapassi, M.T. Dotti, *Siena*
- 36 Update on mutational spectrum of Primary familial brain calcification
Ilenia Andreini, I. Taglia, A. Mignarri, C. Battisti, I. Di Donato, A. Federico, M.T. Dotti, *Siena*

- 37 Neocortical Lewy Body disease associated to Alzheimer's Disease pathology and A β 2-related amyloid angiopathy in a case affected by rapidly progressive dementia resembling Creutzfeldt-Jakob disease
Chiara Cupidi, S. Baiardi, P. Parchi, A. Bruni, *Lamezia Terme CZ, Bologna*
- 38 A case of fluctuating cognition and rapidly progressive dementia
Gemma Lombardi, V. Bessi, F. Terenzi, S. Casagrande, M. Fonderico, S. Sorbi, *Florence*
- 39 Neurodegenerative markers and structural brain atrophy in adult phenylketonuria patients
Andrea Pilotto, C. Zipser, E. Charysz, P. Freisinger, K. Scheffler, G. Gramer, N. Blau, G. Hoffman, E. Schaeffer, K. Brockmann, I. Liepelt-Scarfone, W. Maetzler, A. Padovani, F. Trefz, D. Berg, *Brescia, Tuebingen D, Reutlingen D, Heidelberg D, Kiel D*
- 40 Mild Behavioral Impairment in Parkinson's Disease: the Parkinson's Disease Cognitive impairment Study
Roberta Baschi, V. Restivo, A. Nicoletti, E. Cicero, A. Luca, G. La Bianca, M. Caccamo, M. Zappia, R. Monastero, *Palermo, Catania*
- 41 Obstructive Sleep Apnea may induce preclinical Alzheimer's Disease? Evaluation study of neuropsychological, liquor and neuroimaging markers in a population of patients with moderate to severe degree OSAS
Luisa Mari, *Rome*
- 42 De novo ceramide synthesis blockade affects the aging phenotype of an in vitro model of neuronal senescence
Stefano Sensi, A. Granzotto, M. Bomba, V. Castelli, R. Navarra, I. Cicalini, P. Del Boccio, M. Onofri, A. Cimini, *Chieti, L'Aquila*
- 43 Intracellular zinc mobilization is required for nNOS (+) neurons loss. Role of zinc in the excitotoxic cascade
Stefano Sensi, A. Granzotto, M. Bomba, M. d'Aurora, M. Onofri, V. Gatta, *Chieti*
- 44 Stavudine inhibits inflammasome down-regulating Ras and GSK/PI3K pathways in amyloid-beta treated THP-1 cells
Chiara Bazzini, F. La Rosa, E. Conti, M. Clerici, C. Ferrarese, M. Saresella, C. Zoia, *Monza, Milan*
- 45 Cerebellar transcranial direct current stimulation (tDCS) combined with physical rehabilitation in progressive supranuclear palsy: a double blind randomized sham controlled study
Andrea Pilotto, M. Rizzetti, R. Serughetti, D. Locatelli, B. Cavalletti, A. Pedrini, W. Maetzler, C. Hansen, B. Borroni, A. Padovani, *Brescia, Trescore Balneario BG, Kiel D*
- 46 MCI eligibility for disease modifying treatments: findings from a standardized patients journey
Salvatore Caratozzolo, A. Scalvini, S. Cocchi, M. Zanetti, L. Rozzini, A. Padovani, *Brescia*
- 47 Complete rescue of 6-months, cognitively impaired 3xTg-AD mice by a short intracerebroventricular rapalog treatment
Diego Dolcetta, R. Dominici, T. Cassano, A. Magini, S. Giovagnoli, F. De Marco, C. Emiliani, *Vicenza, Magenta MI, Foggia, Perugia, Rome*
- 48 The depression in the caregivers of patients affected by demence inserted in the psychogeriatric ADI of the AUSL of Teramo
Nicola Serroni, S. Serroni, L. Serroni, A. Pizzorno, M. Di Pietro, D. Campanella, A. Ceci, G. Cordone, V. Mattu, G. Sorrentino, *Teramo, Como*

Poster Session 1

GIOVEDÌ 7 MARZO 2019 - ORE 13.00

- 49 Quality of life and assistance load of patient family caregivers affections from Alzheimer's demence at UVA of the AUSL of Teramo
Nicola Serroni, D. Campanella, S. Serroni, M. Di Pietro, A. Pizzorno, I. De Lauretis, L. Serroni, M. De Febis, G. Cordone, A. Ceci, F. Visciotti, M. Di Giuseppe, A. Serroni, G. Sorrentino, *Teramo, Como*
- 50 Interferon-beta1a (Rebif) reverts inflammation and cognitive decline in a rat model of Alzheimer's Disease
Luigi Grimaldi, G. Mudo', M. Frinchi, D. Nuzzo, P. Scaduto, F. Plescia, M. Massenti, M. Di Carlo, C. Cannizzaro, G. Cassata, L. Cicero, M. Ruscica, N. Belluardo, L. Grimaldi, *Cefalù, Palermo, Siracusa*
- 51 Respectful Caring for the agitated elderly (RECage), study design (a project funded by the European Commission, H2020)
Carlo Alberto Defanti, F. Barocco, S. Fascendini, *Gazzaniga BG*
- 52 Exploring the role of anodal Transcranial Direct Current Stimulation (a-tDCS) in mild Alzheimer's Disease (m-AD) and amnesic Mild Cognitive Impairment (a-MCI)
Valeria Blandino, R. Baschi, L. Cuffaro, F. Lupo, R. Monastero, T. Piccoli, F. Brighina, *Palermo*
- 53 Working-memory rehabilitation in logopenic variant of primary progressive aphasia
Chiara Fiori, S. Baldinelli, A. Plutino, V. De Vanna, V. Ranaldi, M. Silvestrini, S. Luzzi, *Ancona*
- 54 The needs of the anziani caregivers affected by Alzheimer's Disease included in the psychogeriatric ADI of the Teramo AUSL (preliminary results of an investigation)
Nicola Serroni, S. Serroni, D. Campanella, L. Serroni, A. Ceci, G. Cordone, M. De Febis, A. Pizzorno, M. Di Pietro, G. Sorrentino, V. Mattu, *Teramo*
- 55 SMART training as an add-on intervention to counteract cognitive decline in Alzheimer's Disease patients: preliminary results of a clinical trial
Eduardo Cumbo, S. Torregrossa, D. Migliore, G. Presti, B. Roche, *Caltanissetta, Enna, Maynooth IE*
- 56 Pet therapy in the rehabilitation of the elderly with dementia (experimental project in the framework of home assistance for patients with dementia in the ASL of Teramo)
Nicola Serroni, S. Serroni, L. Serroni, A. Serroni, A. Pizzorno, M. Di Pietro, I. De Lauretis, D. Campanella, G. Sorrentino, V. Mattu, *Teramo, Como*
- 57 Assistance to home to patients affected by demence in the AUSL of Teramo in 2018
Nicola Serroni, S. Serroni, L. Serroni, A. Pizzorno, M. Di Pietro, A. Ceci, D. Campanella, G. Sorrentino, V. Mattu, *Teramo, Como*
- 58 Doll therapy: a non-pharmacological therapy for dementia (results of 6 years in the ADI Psychogeriatric of the ASL of Teramo)
Nicola Serroni, S. Serroni, L. Serroni, A. Serroni, A. Pizzorno, M. Di Pietro, G. Cordone, A. Ceci, M. De Febis, I. De Lauretis, D. Campanella, G. Sorrentino, *Teramo, Como*
- 59 Physical activity in patients affected by the depression of the elderly
Nicola Serroni, S. Serroni, L. Serroni, A. Ceci, A. Pizzorno, M. Di Pietro, A. Serroni, D. Campanella, G. Sorrentino, *Teramo, Como*
- 60 Women caregiver in patient assistance affected by demence of Alzheimer
Nicola Serroni, S. Serroni, A. Ceci, D. Campanella, L. Serroni, M. De Febis, G. Cordone, A. Pizzorno, M. Di Pietro, G. Sorrentino, V. Mattu, *Teramo, Como*

- 61 The family load (assessed with Caregiver Burden Inventory) related to the cognitive deficit in patients affected by Alzheimer's deficiency
Nicola Serroni, S. Serroni, A. Ceci, L. Serroni, A. Pizzorno, M. Di Pietro, I. De Lauretis, D. Campanella, G. Sorrentino, V. Mattu, *Teramo, Como*
- 62 Home physiotherapy as an element to reduce the irritability and aggressiveness of patients with dementia (results of an investigation performed at the ASL of Teramo)
Nicola Serroni, A. Ceci, S. Serroni, A. Pizzorno, M. Di Pietro, L. Serroni, D. Campanella, G. Sorrentino, M. De Febis, V. Mattu, G. Cordone, *Teramo, Como*
- 63 Exenatide counteracts the high-fat-diet-induced impairment of BDNF signaling and inflammatory response in a preclinical model of Alzheimer's Disease
Stefano Sensi, M. Bomba, A. Granzotto, V. Castelli, R. Lattanzio, M. Onofri, A. Cimini, *Chieti, L'Aquila*

Poster Session 2

VENERDÌ 8 MARZO 2019 - ORE 13.00

Chairpersons: Andrea Arighi, Alberto Benussi, Elisa Canu, Antonio Daniele, Francesco Di Lorenzo, Valeria Isella, Micaela Mitolo, Innocenzo Rainero

- 64 **Cortical FDG-PET patterns predict long-term motor progression and disability milestones in Parkinson's Disease**
Alberto Imarisio, A. Pilotto, E. Premi, S. Caminiti, L. Presotto, A. Sala, R. Turrone, R. Grasso, A. Alberici, B. Paghera, M. Rizzetti, B. Borroni, D. Perani, A. Padovani, Brescia, *Trescore Balneario BG, Milan*
- 65 **In vivo signatures neurodegeneration at individual level in isolated rem behaviour disorder**
Giulia Carli, S. Caminiti, A. Galbiati, S. Marelli, F. Casoni, L. Ferini-Strambi, D. Perani, *Milan*
- 66 **Diagnostic accuracy of old biomarkers and novel prion seeding assays in sCJD**
Michele Fiorini, M. Bongianini, D. Perra, G. Iselle, S. Monaco, G. Zanusso, *Verona*
- 67 **Visual Hallucinations in DLB patients are related to disconnection of attention networks in the right hemisphere**
Giovanni Zorzi, M. Thiebaut de Schotten, R. Manara, C. Bussé, N. Jelcic, S. Favaretto, M. Corbetta, A. Cagnin, *Padua, Paris F, Salerno*
- 68 **Metabolic connectivity integrity in synucleinopathies with REM behaviour disorder**
Giulia Carli, S. Caminiti, G. Carli, A. Galbiati, S. Iannaccone, G. Magnani, S. Marelli, L. Ferini-Strambi, D. Perani, *Milan*
- 69 **Vascular risk factors, WMLs and the risk of cognitive impairment in Parkinson disease. A longitudinal study from the PaCos cohort**
Antonina Luca, R. Monastero, G. Donzuso, R. Baschi, C. Cicero, C. Terravecchia, A. Salerno, M. Zuccarello, M. Daví, V. Restivo, G. Mostile, M. Zappia, A. Nicoletti, *Catania, Palermo*
- 70 **Comparison of different methods to define tau positivity in relation to amyloid and neurodegenerative status**
Alessandra Dodich, A. Mendes, F. Assal, C. Chicherio, B. Rakotomiaramanana, P. Andryszak, M. Scheffler, A. Schwarz, D. Zekry, K. Lövlblad, M. Boccardi, P. Unschuld, G. Gold, G. Frisoni, V. Garibotto, *Geneva CH, Indianapolis USA, Zurich CH*
- 71 **Cognitive reserve modulates brain atrophy in the parahippocampal gyrus in the mild cognitive impairment**
Laura Serra, A. Salaris, L. Pica, M. Bruschini, C. Marra, C. Caltagirone, L. Petrosini, M. Bozzali, *Rome*
- 72 **Cognitive reserve modulates brain cortical complexity in the Alzheimer's Disease**
Laura Serra, G. Giancaterino, G. Giulietti, M. Bruschini, C. Marra, C. Caltagirone, L. Petrosini, M. Bozzali, *Rome*
- 73 **Extrastriatal dopaminergic and serotonergic pathways in Parkinson's Disease and in dementia with Lewy bodies: a 123I-FP-CIT study**
Andrea Pilotto, F. Schiano di Cola, E. Premi, R. Grasso, R. Turrone, S. Gipponi, A. Scalvini, E. Cottini, B. Paghera, V. Garibotto, M. Rizzetti, L. Bonanni, B. Borroni, S. Morbelli, F. Nobili, U. Guerra, D. Perani, A. Padovani, *Brescia, Geneva CH, Trescore Balneario BG, Chieti, Genoa, Milan*

Poster Session 2

VENERDÌ 8 MARZO 2019 - ORE 13.00

- 74 **Neuronal avalanches in Parkinson's Disease during resting-state: a source level magnetoencephalography study**
Rosaria Rucco, F. Baselice, C. Granata, R. Di Micco, A. Tessitore, L. Gollo, G. Sorrentino, *Naples, Pozzuoli NA, Queensland AUS*
- 75 **Longitudinal cortical changes associated with apathy in Parkinson's Disease**
Canu Elisa, F. Agosta, F. Imperiale, T. Stojkovic, I. Stankovic, S. Basaia, A. Fontana, V. Markovic, I. Petrovic, E. Stefanova, V. Kostic, M. Filippi, *Milan, Belgrade SRB, Foggia*
- 76 **Survival prediction models in motor neuron disease**
Edoardo Gioele Spinelli, F. Agosta, N. Riva, A. Fontana, S. Basaia, E. Canu, V. Castelnovo, Y. Falzone, P. Carrera, M. Filippi, *Milan, Foggia*
- 77 **Accuracy of CSF AD biomarkers and A/T/N classification for distinguishing FTD from AD: a retrospective study**
Federica Sepe, N. Salvadori, L. Farotti, V. Lisetti, E. Chipi, P. Eusebi, L. Parnetti, *Perugia*
- 78 **All-in-one: it is only a matter of time for clinical and neuromaging markers of Cerebral Amyloid Angiopathy (CAA)**
Marialuisa Zedde, R. Pascarella, i. CAB Network, *Reggio Emilia, Monza*
- 79 **Atrophy influences functional connectivity of the default mode network in patients with mild cognitive impairment and dementia of the Alzheimer's type**
Matteo De Marco, A. Venneri, *Sheffield UK*
- 80 **The role of 1H-MRS of PCC and brain volume asymmetries in the differential diagnosis of Primary Progressive Aphasia: a retrospective study**
Micaela Mitolo, M. Stanzani-Maserati, L. Gramegna, S. Evangelisti, L. Talozzi, C. Bianchini, L. Cirignotta, R. Poda, F. Oppi, R. Gallassi, G. Rizzo, L. Sambati, S. Capellari, P. Parchi, R. Liguori, C. Testa, D. Manners, R. Lodi, C. Tonon, *Bologna*
- 81 **Understanding Aphasia: defining concordance among neuropsychological profile, functional and pathological biomarkers in Primary Progressive Aphasia**
Salvatore Mazzeo, S. Padiglioni, C. Polito, V. Berti, S. Bagnoli, G. Lombardi, I. Piaceri, M. Carraro, C. Ferrari, B. Nacmias, S. Sorbi, V. Bessi, *Florence*
- 82 **EEG abnormalities of DLB patients are more prominent in frontal regions**
Mirella Russo, C. Carrarini, F. Dono, R. Franciotti, A. Saracino, S. Nanni, M. Onofrj, L. Bonanni, *Chieti*
- 83 **Relationship between enlarged perivascular spaces and β -amyloid load in familial Alzheimer's Disease**
Troili Fernanda, M. Cavallari, V. Cipollini, F. Giubilei, C. Guttmann, F. Orzi, *Rome, Boston USA*
- 84 **Visual evoked potentials alterations in DLB**
Claudia Carrarini, M. Russo, F. Anzellotti, F. Dono, S. Nanni, M. Onofrj, L. Bonanni, *Chieti*
- 85 **Retinal abnormalities in DLB and association with visual hallucinations: an Optical Coherence Tomography study**
Federica Fragiaco, S. Miante, I. Martini, M. Pengo, C. Bussé, G. Gazzola, P. Gallo, A. Cagnin, *Padua*

Poster Session 2

VENERDÌ 8 MARZO 2019 - ORE 13.00

- 86 Application of the 2018 NIA-AA Research Framework to a large cohort of patients with cognitive impairment: from biological biomarkers to clinical syndromes
Tiziana Carandini, A. Arighi, G. Fumagalli, A. Pietroboni, L. Ghezzi, A. Colombi, L. Sacchi, C. Fenoglio, G. Marotta, E. Scarpini, D. Galimberti, *Milan*
- 87 CSF biomarkers in Mild Cognitive Impairment: a longitudinal retrospective analysis and a comparison with [18F]FDG-PET
Giordano Cecchetti, R. Santangelo, G. Magnani, F. Masserini, F. Caso, M. Falautano, G. Passerini, D. Perani, M. Filippi, *Milan*
- 88 Divergent patterns of hippocampal and entorhinal functional connectivity in converting and non-converting Mild Cognitive Impairment patients
Stefano Delli Pizzi, M. Punzi, M. Onofrj, S. Sensi, *Chieti*
- 89 The Mirror Neuron System in aging: compensation by reorganization of the right Inferior Frontal Gyrus
Sonia Di Tella, V. Blasi, M. Cabinio, F. Rossetto, C. Pagliari, R. Nemni, F. Baglio, *Milan*
- 90 p62 concentrations in cerebrospinal fluid of patients with Alzheimer's Disease and Frontotemporal dementia
Silvia Boschi, E. Rubino, M. Vigliani, C. Borghese, A. Vacca, M. Giordana, I. Rainero, *Turin*
- 91 Cognition in Multiple Sclerosis: the role of Hippocampus
Daniele Carmagnini, L. Lorefice, G. Fenu, G. Coghe, J. Frau, M. Arru, E. Carta, V. Sechi, M. Barracciu, E. Cocco, *Cagliari*
- 92 Myostatin serum levels in Alzheimer's Disease: preliminary observations
Lucio Tremolizzo, E. Conti, M. Slongo, L. Martinelli, S. Andreoni, I. Appollonio, C. Ferrarese, *Monza*
- 93 Medium-chain plasma acylcarnitines, ketone levels, cognition, and gray matter volumes in healthy elderly, mildly cognitively impaired, or Alzheimer's Disease subjects
Stefano Sensi, D. Ciavarelli, F. Piras, A. Consalvo, C. Rossi, M. Zucchelli, M. Onofrj, C. Di Ilio, V. Frazzini, C. Caltagirone, G. Spalletta, *Chieti, Rome*
- 94 What cerebrospinal fluid biomarkers tell us about Alzheimer's Disease
Ginevra Giovannelli, L. Tremolizzo, C. Zoia, E. Conti, C. Crivellaro, M. Musarra, M. Appollonio, C. Ferrarese, V. Isella, *Monza*
- 95 Peripapillary Retinal Nerve Fiber Layer might predict cognition and rate of cognitive decline at 6-18 month follow up in AD and MCI patients
Roberto Santangelo, S. Huang, M. Falautano, M. Filippi, G. Comi, G. Magnani, L. Leocani, *Milan*
- 96 Frontotemporal Lobar Degeneration with pronounced temporal gliosis
Marco Carraro, C. Ferrari, C. Polito, S. Mazzeo, V. Bessi, S. Sorbi, *Florence*
- 97 The Frontal Aslant Tract: microstructural damage of White Matter in different forms of dementia
Carlotta Di Domenico, G. Bechi Gabrielli, L. Serra, C. Marra, C. Caltagirone, M. Bozzali, *Rome*
- 98 Normal DAT-scan SPECT in patient fulfilling diagnostic criteria for probable Dementia with Lewy bodies
Emanuele Maria Costantini, M. Orsini, G. Lacidogna, F. Ponza, D. Seripa, D. Di Giuda, A. Cinquino, A. Daniele, *Rome, Bari, San Giovanni Rotondo FG*

Poster Session 2

VENERDÌ 8 MARZO 2019 - ORE 13.00

- 99 Venipuncture pain and placebo analgesia in Minor or Major Neurocognitive Disorder Due to Alzheimers Disease
Sara Palermo, I. Rainero, M. Stanziano, L. Vase, F. D'Agata, E. Rubino, P. Fonio, M. Amanzio, *Turin, Aarhus DK*
- 100 Grey matter loss and hypometabolism in occipital regions underpin visual hallucinations in Alzheimer's Disease
Stefania Pezzoli, A. Venneri, *Sheffield UK*
- 101 Predictors of rapid cognitive decline in patients with Alzheimer disease: a retrospective cohort study
Ilaria Di Donato, A. Pati, M. Mondelli, M. Bianchi, P. Formichi, A. Mignarri, G. N. Gallus, M. T. Dotti, *Siena*
- 102 A very light lunch: interoceptive deficits and food aversion at onset in a case of behavioural variant Frontotemporal Dementia
Gerardo Salvato, M. Mercurio, M. Sberna, E. Paulesu, G. Bottini, *Pavia, Milan*
- 103 Neuropsychological correlates of cognitive, emotional-affective and auto-activation apathy in dementia
Chiara Stella Turchetta, G. Caruso, L. Fadda, C. Caltagirone, G. Carlesimo, R. Perri, *Rome*
- 104 Recollection and Familiarity in different forms of dementia
Giulia Caruso, L. Fadda, R. Perri, G. Carlesimo, *Rome*
- 105 Natural history and presenting BPSD in Alzheimer's Disease and Frontotemporal Dementia
Giulia Bruni, V. Laganà , S. Curcio, N. Altomari , M. Mirabelli, R. Colao, F. Frangipane, G. Puccio, C. Cupidi, N. Smirne, G. Torchia, A. Bruni, *Lamezia Terme CZ*
- 106 Behavioral and Psychological Symptoms in dementia: relationship between agitation and cognitive impairment in Alzheimer's Disease
Simona Cocchi, S. Caratozzolo, M. Zanetti, S. Pelizzari, L. Rozzini, A. Padovani, *Brescia*
- 107 Memory performances and rTMS in healthy subjects: inhibition effects of right dorsolateral prefrontal cortex on Recognition processes
Luca Cuffaro, F. Aleo, C. Baiata, V. Blandino, F. Lupo, R. Monastero, T. Piccoli, F. Brighina, *Palermo*
- 108 Does cognitive reserve selectively work with late-onset Alzheimer's Disease?
Valentina Laganà, C. Cupidi, S. Curcio, M. Mirabelli, R. Colao, G. Puccio, F. Frangipane, N. Smirne, G. Torchia, R. Di Lorenzo, A. Bruni, *Lamezia Terme CZ*
- 109 Translation, adaptation and validation of the Five Words Test in an Italian sample: a rapid screening for the assessment of memory impairment
Francesca Lea Saibene, F. Borgnis, S. Di Tella, M. Di Cesare, S. Scioli, A. D'amico, A. D'arma, F. Baglio, R. Nemni, E. Farina, *Milan*
- 110 Time perception and subjective passage of time in prodromal and preclinical phase of dementia: a neuropsychological study
Giulia Zazzaro, F. D'Antonio, A. Teghil, M. Boccia, A. Di Vita, A. Coluzza, A. Campanelli, A. Trebbastoni, S. Ferracuti, C. de Lena, C. Guariglia, *Rome*
- 111 The contribution of storage and retrieval processes on the pattern of retrograde memory loss in amnesic Mild Cognitive Impairment and Alzheimer's Disease patients
Maria Stefania De Simone, M. De Tollis, L. Fadda, R. Perri, C. Caltagirone, G. Carlesimo, *Rome*

Poster Session 2

VENERDÌ 8 MARZO 2019 - ORE 13.00

- 112 Evaluation of efficacy of Dual-Task Rehabilitation Approach in patients with mild to moderate cognitive impairment
Giulia Gamberini, R. Spalek, S. Morzone, M. Bodrero, C. Solaro, Rome, *Moncrivello VC*
- 113 Verbal and Spatial memory spans in Mild Cognitive Impairment
Massimo De Tollis, R. Perri, L. Fadda, G. Carlesimo, Rome
- 114 Risk-taking behaviour in drivers and non-drivers affected by dementia
Ilaria Torello, S. Basilico, G. Salvato, G. Bottini, Pavia, *Milan*
- 115 Why people choose to participate in clinical trials? The role of temperamental features
Claudia Radicchi, S. Bacciardi, J. Bonaccorsi, C. Pagni, S. Cintoli, U. Bonuccelli, G. Tognoni, Pisa, *Florence*
- 116 The Carers' Needs Assessment for Dementia: a new clinical tool for the assessment of needs and possible intervention strategies in caregivers of patients with dementia
Milena Zucca, E. Rubino, A. Vacca, E. Gallo, F. Roveta, P. DeMartino, M. Giordana, I. Rainero, Turin
- 117 Lumping or splitting Corticobasal Degeneration from Progressive Supranuclear Palsy: this is the question
Sofia Cuoco, A. Capiello, R. Erro, M. Pellecchia, P. Barone, M. Picillo, Salerno
- 118 Alzheimer's Disease: a gender perspective
Valentina Laganà, S. Nicoletta, D. Addesi, R. Colao, F. Frangipane, G. Puccio, S. Curcio, M. Mirabelli, R. Maletta, L. Bernardi, M. Anfossi, E. Conidi, M. Gallo, F. Vasso, G. Torchia, C. Cupidi, R. Di Lorenzo, O. De Vito, G. Muraca, A. Bruni, Lamezia Terme CZ
- 119 Cognitive impairment evaluating in patients after elective knee or hip replacement
Giulia Gamberini, C. Solaro, *Moncrivello VC*
- 120 Relationship between cortical grey matter volume and cognitive impairment perception in Multiple Sclerosis
Mauro Arru, L. Loreface, G. Fenu, M. Fronza, J. Frau, G. Coghe, L. Loi, V. Sechi, F. Contu, M. Barracciu, M. Marrosu, E. Cocco, Cagliari
- 121 Atypical variants of Alzheimer's Disease presenting with confabulations
Elisabetta Belli, P. Libertini, L. Giampietri, J. Bonaccorsi, V. Nicoletti, U. Bonuccelli, R. Ceravolo, G. Tognoni, Pisa
- 122 Data-driven classification of clinical variants of Alzheimer's Disease with in vivo evidence of amyloid pathology
Daniele Licciardo, J. Villa, C. Mapelli, L. Tremolizzo, C. Zoia, E. Conti, C. Ferrarese, V. Isella, Monza
- 123 Neuropsychological evaluations in the multicultural society: the case of a Chinese patient
Michela Brambilla, I. Cova, L. Maggiore, V. Cucumo, L. Pantoni, S. Pomati, Milan
- 124 Exploring the contribution of a qualitative scoring for the discrimination of executive aspects of the rey-osterrieth complex figure test: a preliminary study on progressive supranuclear palsy and behavioral variant frontotemporal dementia
Cristina Pagni, J. Bonaccorsi, C. Radicchi, E. Del Prete, L. Tommasini, S. Cintoli, R. Ceravolo, U. Bonuccelli, G. Tognoni, Florence, Pisa

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Informazioni generali

SEDE DEI LAVORI

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E-mail: segreteria@associazionesindem.it

SEGRETERIA IN SEDE CONGRESSUALE

La segreteria sarà in funzione per tutta la durata del congresso, da 30 minuti prima dell'inizio dei lavori a 30 minuti dopo la chiusura.

ISCRIZIONE

L'iscrizione si effettua mediante la compilazione della scheda che si trova nel link: <https://sindem2019.sienacongress.it>, **unitamente alla copia del relativo bonifico**. Si ricorda che il **20 febbraio 2019** scade il termine per la pre-iscrizione. Dopo tale data sarà possibile iscriversi al Congresso direttamente in sede congressuale. La quota di iscrizione al congresso dà diritto alla partecipazione ai lavori, al materiale congressuale, all'attestato di partecipazione, ai coffee-break, alle colazioni di lavoro, al cocktail di benvenuto.

ISCRIZIONI CORSO DI NEUROPSICOLOGIA

L'iscrizione al Corso di aggiornamento in neuropsicologia "From now to the future" garantisce la partecipazione a titolo gratuito al corso di aggiornamento in neuropsicologia "Disturbi cognitivi e comportamentali nelle fasi precoci della malattia di Alzheimer: dalla diagnosi alla presa in carico nei CDCD" in collaborazione con AIP previsto nei giorni 3-4 aprile 2019 in occasione del 19° Congresso nazionale AIP. Maggiori informazioni aipsegreteria@grg-bs.it

BADGE

I badges dovranno essere ritirati presso la segreteria congressuale che sarà aperta 30 minuti prima dell'inizio dell'evento. Si raccomanda ai partecipanti di indossare il proprio badge durante tutta la durata dei lavori.

ATTESTATO DI PARTECIPAZIONE

L'attestato di partecipazione sarà rilasciato al termine dei lavori, presso la segreteria congressuale a tutti i partecipanti regolarmente presenti.

ASSICURAZIONE

La partecipazione all'evento non implica alcuna responsabilità da parte della segreteria scientifica e organizzativa per qualsivoglia incidente, danni personali o materiali o furti subiti dal partecipante durante la manifestazione.

AVVISI

Si ricorda che è tassativamente vietato fumare nell'area congressuale e che tutti i partecipanti sono caldamente invitati a tenere i cellulari in modalità silenziosa all'interno delle aule dove si svolgono i lavori.

Informazioni generali

RAZIONALE

Il XIV Congresso SINDEM vuole essere il momento in cui si possa fare il punto dopo anni di esperienza clinica e di ricerca clinica e di laboratorio su molti temi che caratterizzano la complessità inerente i processi neurodegenerativi. Ai partecipanti verrà data la possibilità di discutere non solo le evidenze scientifiche ma soprattutto le controversie, del mondo clinico e scientifico, relative alle basi biologiche, la diagnosi e terapia, e i profili neuro-cognitivi delle malattie neurodegenerative. Esperti Italiani di fama internazionale presenteranno le varie problematiche dandone letture personalizzate alla luce delle evidenze scientifiche. Le letture saranno affiancate da presentazioni di lavori originali e da relazioni su temi emergenti che sono e saranno all'ordine del giorno in un futuro ormai prossimo. Il XIV Congresso SINDEM sarà anche una occasione per ricercatori clinici e di base per trovare un adeguato luogo di discussione dei risultati della ricerca scientifica sulle malattie neurodegenerative ed in particolare sulle demenze. Da ultimo, ma non per importanza, il Congresso offrirà l'opportunità di stimolare nuove e vecchie sinergie fra le iniziative di attività scientifica del nostro Paese.

ACCREDITAMENTO ECM

La Commissione Nazionale per la Formazione Continua ha accolto l'Accreditamento della SIN (Società Italiana di Neurologia) come PROVIDER ECM "STANDARD" (numero assegnato ID. 1802). L'Accreditamento ECM per il Congresso Nazionale SINdem 2019 è stato richiesto per le seguenti figure professionali:

Professione	Discipline
BIOLOGO	BIOLOGO
TERAPISTA OCCUPAZIONALE	TERAPISTA OCCUPAZIONALE
PSICOLOGO	PSICOTERAPIA; PSICOLOGIA
MEDICO CHIRURGO	GENETICA MEDICA; GERIATRIA; MEDICINA E CHIRURGIA DI ACCETTAZIONE E DI URGENZA; MEDICINA FISICA E RIABILITAZIONE; MEDICINA INTERNA; PSICHIATRIA; RADIOTERAPIA; CHIRURGIA GENERALE; MEDICINA LEGALE; MEDICINA NUCLEARE; NEUROFISIOPATOLOGIA; RADIODIAGNOSTICA; IGIENE, EPIDEMIOLOGIA E SANITÀ PUBBLICA; MEDICINA GENERALE (MEDICI DI FAMIGLIA); CONTINUITÀ ASSISTENZIALE; PEDIATRIA (PEDIATRI DI LIBERA SCELTA); DIREZIONE MEDICA DI PRESIDIO OSPEDALIERO; CURE PALLIATIVE; NEUROLOGIA; NEUROPSICHIATRIA INFANTILE; PEDIATRIA; NEUROCHIRURGIA; LABORATORIO DI GENETICA MEDICA; NEURORADIOLOGIA; ORGANIZZAZIONE DEI SERVIZI SANITARI DI BASE; PSICOTERAPIA
TECNICO DELLA RIABILITAZIONE PSICHIATRICA	TECNICO DELLA RIABILITAZIONE PSICHIATRICA
TERAPISTA DELLA NEURO E PSICOMOTRICITÀ DELL'ETÀ EVOLUTIVA	TERAPISTA DELLA NEURO E PSICOMOTRICITÀ DELL'ETÀ EVOLUTIVA
TECNICO DI NEUROFISIOPATOLOGIA	TECNICO DI NEUROFISIOPATOLOGIA
TERAPISTA OCCUPAZIONALE	TERAPISTA OCCUPAZIONALE

Tutte le Professioni e le Discipline non indicate nel Precedente Elenco sono escluse dall'acquisizione dei Crediti ECM, ma possono comunque prendere parte all'Evento (se in Aula non si è raggiunto il limite massimo di presenze richiesto in fase di Accreditamento), **compilando precedentemente un Modulo specifico [UDITORE], da richiedere in Segreteria.**

OBIETTIVO FORMATIVO

Documentazione clinica. Percorsi clinico-assistenziali diagnostici e riabilitativi. Profili di assistenza. Profili di cura.



Ringraziamenti

A.B. PHARM
ANGELINI
ARCA PHARMA
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