



Age-It: Ageing Well in an Ageing Society

General Meeting Age-It

May 20-22, 2024

Programme

Age-It internet sites:

<https://www.ageit.eu>

<http://www.ageit.it>

E-mail of the Hub:

info@ageit.it

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Monday 20/05/2024

Where	Time	Session
Aula Magna San Giobbe	10.30 - 12.00	Welcome Session Welcome speeches Tiziana Lippiello (Ca' Foscari University Rector) Alessandra Petrucci (Florence University Rector, Age-It Chairwoman) Giacomo Pasini (Head of Economics Department, Ca' Foscari University) Daniele Vignoli (University of Florence, Age-It Scientific Coordinator) Keynotes Chairs: Agar Brugiavini (Ca' Foscari University) and Filippo Cavallo (University of Florence) Keynote Speakers: Francesco Billari (UniBocconi) and Giuseppe Fico (Universidad Politécnica de Madrid)

Parallel rooms	12.15 - 13.30	Day 1 Parallel sessions 1	p. 6
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Lunch area	13.30 - 14.30	Lunch buffet
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Parallel rooms	14.30 - 16.00	Day 1 Parallel sessions 2 Data Management Board Session	p. 12 p. 17
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Lunch area	16.00 - 16.30	Coffee Break
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Parallel rooms	16.30 - 18.00	Day 1 Parallel sessions 3	p. 18
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19.00	Aperitif and dinner (offered to all registered participants) Hotel Monaco & Gran Canal San Marco 1332 - 30124, Venezia
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Tuesday 21/05/2024

Where	Time	Session	
Parallel rooms	9.00 - 10.30	Day 2 Parallel sessions 1	p. 24
Lunch area	10.30 - 11.00	Coffee Break	
Parallel rooms	11.00 - 12.15	Day 2 Parallel sessions 2	p. 30
Aula Magna San Giobbe	12.15 - 13.30	Plenary Session Chair: Claudio Lucifora (Catholic University of Sacred Heart) and Andrea Ungar (University of Florence) Keynote Speakers: James Banks (Manchester University) and Laura Fratiglioni (Karolinska Institutet, Stockholm)	
Lunch area	13.30 - 14.30	Lunch buffet	
Parallel rooms	14.30 - 16.00	Day 2 Parallel sessions 3 Innovation & Technology Transfer Board and the Stakeholders & Dissemination Board Session	p. 36 p. 41
Lunch area	16.00 - 16.30	Coffee Break	
Parallel rooms	16.30 - 17.45	Day 2 Parallel sessions 4	p. 42
	17.50 - 19.00	Poster session	p. 48

Wednesday 22/05/2024

Where	Time	Session	
Parallel rooms	9.00 - 10.30	Day 3 Parallel sessions 1	p. 58
Lunch area	10.30 - 11.00	Coffee Break	
Parallel rooms	11.00 - 12.15	Day 3 Parallel sessions 2	p. 64
Aula Magna San Giobbe	12.15 - 13.30	Closing day plenary Chair: Fabrizio d'Adda di Fagagna (CNR) and Cecilia Tomassini (University of Molise) Keynote Speaker: Andrea Maier (National University of Singapore) and Fabrizio Natale (JRC European Commission)	
Aula Magna San Giobbe	13.30 - 13.45	Farewell session Fabrizio Cobis (Ministry of University and Research) Chairs: Daniele Vignoli (University of Florence), Carlos Chiatti (Age-It Scarl) and Agar Brugiavini (Ca' Foscari University)	
Lunch area	13.45 - 15.00	Lunch buffet	

Monday 20/05/2024

Day 1
Session 1 A

Room 9 A

12.15 - 13.30 Generations and Inequalities

Chair: **Marco Albertini**

**Kinship networks, kinlessness and friendship across the life course.
An extensive analysis of the Italian case over a 20-year period**

*Bruno Arpino (University of Padua), Eleonora Meli (ISTAT), **Elena Pirani** (University of Florence), Marta Pittavino (Ca' Foscari University, Venice)*

**Relational Dynamics and Retirement Transition:
A Generational Comparison**

Donatella Bramanti, Sara Nanetti (Catholic University of Sacred Heart)

**What does "Internet" mean to us as we age?
A pluri-tasks investigation on the conceptualization of the
technological domain across generations**

*Chiara Fini, Ilenia Falcinelli, Claudia Mazzuca, Anna Maria Borghi,
Fabio Lucidi (University of Rome, La Sapienza)*

The economic activities of the elderly in Italy

Antonio Sanguinetti, Mattia Vitiello (IRPPS-CNR)

12.15 - 13.30 **Fostering longevity**

Chair: **Giovanna Boccuzzo**

Fostering Longevity. Good Practices in Education and Learning for Active Ageing

Vanna Boffo (University of Florence), Michele Bertani (Ca' Foscari University, Venice), Donatella Bramanti (Catholic University of Sacred Heart), Rabih Chattat (University of Bologna), Carlo Ferrarese (University of Milano Bicocca), Laura Formenti (University of Milano Bicocca)

Insurance for older ages: the Age-It and Generali project

Chiara Barbuio, Asya Bellia (Bocconi University), Valeria Bellini (Generali S.p.A.), Agar Brugiavini (Ca' Foscari University, Venice), Diego Ciccone (Generali S.p.A.), Silvia D'Arrigo (Ca' Foscari University, Venice), Vincenzo Galasso (Bocconi University), Francesco Geremia (Generali S.p.A.), Federica Martinelli (Generali S.p.A.)

Utility-based evaluation in retirement: a focus on reverse mortgage

Alba Roviello (University of Naples)

Aging and financial risk taking: A meta-analysis

Erica Ordali, Chiara Rapallini (University of Florence)

Monday 20/05/2024

Day 1
Session 1 C

Room 4 A

12.15 - 13.30 **Assistance - Virtual Environment**

Chair: **Alessandra Sorrentino**

Wearable tactile display of softness for virtual reality-based cognitive rehabilitation

Federico Carpi, Gabriele Frediani (University of Florence)

RG-BioM system: Exploring Reach-to-Grasp BioMechanics in Upper Limb Movements

Pietro Benvenuti, Erika Rovini, Alessandra Sorrentino, Andrea Corvi, Filippo Cavallo (University of Florence)

On the development of a multibody simulation platform for Digital Twin of human-robot ecosystem

Michele Perrelli, Rocco Adduci, Francesca Alvaro, Domenico Mundo (University of Calabria)

No country for old men: Reducing Age Bias through Virtual Reality Embodiment in elderly

Stefania La Rocca, Matilde Menghini, Stefania La Rocca, Giorgia Tosi, Andrea Brighenti, Roberta Daini (University of Milano-Bicocca)

12.15 - 13.30 **Mortality and longevity**

Chair: **Alessandro Rosina**

Modelling mortality trajectories at older ages

Elisabetta Barbi (University of Rome La Sapienza)

Mortality risk after bereavement in Italy

Chiara Ludovica Comolli (University of Bologna)

Inequalities in mortality by individual income: a register-based analysis on the elderly population in Italy

Luisa Frova, Lucia Coppola, Isabella Siciliani, Enrico Grande, Marilena Pappagallo (ISTAT)

Analyzing Compression of Comorbidity in Italy: A Mixture Model with Regional Random Effects

Angela Andreella, Stefano Campostrini (Ca' Foscari University, Venice)

Monday 20/05/2024

Day 1
Session 1 E

Room 10 A

12.15 - 13.30 **Basic mechanisms of aging biology**

Chair: **Andrea Graziani**

Unveiling a role for MAPK15 in controlling cellular responses to oxidative stress and diet induced cardiovascular senescence

Mario Chiariello, Lorenzo Franci (CNR)

The redox-active defensive Selenoprotein T as a novel stress sensor protein playing a key role in the pathophysiology of heart failure

Anna De Bartolo (University of Calabria)

Biomarkers of aging in frail populations: the prognostic role of TERRA levels in peripheral blood mononuclear cells from elderly colorectal cancer patients

*Jacopo Lidonnici (Department of Surgery, Oncology and Gastroenterology, University of Padua), Marzia Morello, Maria Raffaella Petrara, Elena Ruffoni (Immunology and Diagnostic Molecular Oncology Unit, Veneto Institute of Oncology IOV- IRCCS, Padua), Sandra Zampieri (Department of Surgery, Oncology and Gastroenterology, University of Padua), Francesca Bergamo, Sara Lonardi (Department of Oncology, Veneto Institute of Oncology IOV - IRCCS, Padua), Stefano Indraccolo, Anita De Rossi, **Silvia Giunco** (Department of Surgery, Oncology and Gastroenterology, University of Padua)*

The potential role of Aquaporin-4 isoforms in aging-related loss of lymphatic functions

Onofrio Valente, Pasqua Abbrescia, Gianluca Signorile, Antonio Frigeri (DiBrain)

12.15 - 13.30 **Geography of Ageing, resources and inequalities**

Chair: **Cecilia Tomassini**

Resources in old age

Monica Paiella (INPS)

Geographical Analysis of Welfare Expenditure for older individuals in Italy: Autonomy, Context, and Policy Interdependence

Gloria Moroni (Ca Foscari University, Venice)

Estimating the local differential of dependent older people care needs: The Municipal Potential Care Frailty Index (MPCFI) approach

Mariangela Verrascina (ISTAT), Emilio Cameli, Giuseppe Di Felice (University of Molise), Federico Benassi (University of Naples), Carlo Lallo (University of Molise)

Evaluate the Fairness of the Distribution of Health Services for Older People in Italy: A Methodological Approach

Davide Donato Russo (University of Molise)

Monday 20/05/2024

Day 1
Session 2 A

Room 9 A

14.30 - 16.00 Cognitive impairment and training

Chair: **Giuseppe Bellelli**

The Train the Brain project: the gentle therapy of environmental enrichment against dementia

Alessandro Sale (Neuroscience Institute CNR)

Eye-guided video games improve reading in healthy older adults

Roberta Daini, Ramon Pedrini, Cristina Costantini, Sara Polato (Department of Psychology, University of Milan-Bicocca), Claudio Lira (Neotenia LTD, Cusano Milanino), Alessio Facchin (Department of Psychology, University of Milan-Bicocca)

Effects of a new structured multidomain cognitive training headed by executive functions in Mild Cognitive Impairment-MCI

Ezia Rizzi (University of Milano Bicocca)

TIME: Episodic memory cognitive training for healthy elderly

Stefania La Rocca, Ezia Rizzi, Alessia Rossetti, Emanuele Longo (University of Milan Bicocca), Giovanna Boccolieri, Alfonsa Boccolieri (Associazione Alzheimer Monza e Brianza), Roberta Daini (University of Milan Bicocca)

Insight into the relationship between motor and cognitive symptoms in essential tremor

Giulia Paparella (University of Rome, La Sapienza)

14.30 - 16.00 **Workplace and Work satisfaction**

Chair: **Vincenzo Galasso**

Native/migrant differences in job satisfaction at older ages: insights from Italy

Eleonora Trappolini (University of Rome La Sapienza), Corrado Polli (INAPP), Alessandra De Rose (University of Rome La Sapienza)

Skill obsolescence and lifelong learning in the ageing workforce: the effect on job satisfaction

Corrado Polli, Valentina Ferri, Rita Porcelli (INAPP), Eleonora Trappolini (University of Rome La Sapienza)

Workers Aging and Basic Psychological Need Satisfaction and Frustration at Work: A Latent State-Trait Examination

Lorenzo Filosa, Guido Alessandri, Simone Tivolucci, Fabio Lucidi (University of Rome La Sapienza)

Regulating Ageing: Ageing Workforce Management through Collective Bargaining in Italy and the Netherlands

Dario Raspanti, Luigi Burrioni, Giulia Cavallini, Annalisa Tonarelli (University of Florence)

Understanding the Risk of Work Related Accidents at Older Ages: Insights from Administrative Data

Elena Cottini (Catholic University of Sacred Heart)

Monday 20/05/2024

Day 1
Session 2 C

Room 10 B

14.30 - 16.00 Work, fertility and family life

Chair: **Paola Profeta**

Can Policy Reforms Enhance Fertility? An Ex-Ante Evaluation through Factorial Survey Experiments

Raffaele Guetto, Giammarco Alderotti, Daniele Vignoli (University of Florence)

Remote work: how much of it will remain?

Raluca Elena Buia, Agar Brugiavini (Ca' Foscari University of Venice)

Ageing women at work in Europe and the search for work-life balance: combining econometric models and artificial neural networks

Greta Falavigna (Research Institute on Sustainable Economic Growth of the National Research Council (CNR-IRCrES), Luisa Errichiello (Institute for Studies on the Mediterranean of the National Research Council (CNR-ISMed))

The Contribution of Medically Assisted Reproduction to Fertility in Italy

Cinzia Castagnaro (ISTAT), Daniele Vignoli (University of Florence), Agnese Vitali (Università di Trento), Alessandra Burgio (ISTAT)

Differences in Medically Assisted Reproduction Treatment Success: Evidence from Careggi Hospital, Italy

Marco Cozzani, Maria Elisabetta Coccia (University of Florence), Emilia Giusti (Scuola Sant'Anna), Sara Landini, Valentina Tocchioni, Daniele Vignoli (University of Florence)

14.30 - 16.00 Assistance - Human-Machine interaction

Chair: **Gianluca Testa**

A Shared Intelligence approach to Wearable Neurorobotics for Elderly Assistance

Emanuele Menegatti, Stefano Tortora, Alessio Palatella, Edoardo Trombin, Luca Tonin (University of Padua)

Human-Robot interactions and embodiment of assistive wearable robots

Margherita Bertuccelli, Alessandra Del Felice (University of Padua)

Ontology-based approach in a conversational system: a multidisciplinary research proposal for assisting informal caregivers

Frida Milella, (University of Milano-Bicocca), Maria Teresa Ambrosio (University of Milano)

Co-speech gesture synthesis to promote engagement in Human-Robot Interaction

Alessandra Sorrentino, Lorenzo Pugi, Laura Fiorini, Filippo Cavallo (University of Florence)

Enhancing Well-being in Aging Through Physiological Signals and Personality Traits

Raffaele Gravina, Majid Riaz (University of Calabria)

Monday 20/05/2024

Day 1
Session 2 E

Room 5 A

14.30 - 16.00 Animal models

Chair: **Marco Malavolta**

Longevity interventions targeting telomeres, cellular senescence, and microbiome at the Geriatric Mouse Clinic

Serena Marcozzi, Maria Elisa Giuliani, Giorgia Bigossi, Giovanni Lai (INRCA), Vincenzo Lettera, Donatella Aiello, Giuseppe Passarino, Anna Maria Carmela Napoli (University of Calabria), Carlo Gaetano (ICS Maugeri), Fabiola Olivieri, Antonio Domenico Procopio (INRCA), Fabrizio d'Adda di Fagagna (IFOM), Marco Malavolta (INRCA)

Aging affects social preference and anxiety responses in zebrafish

Giada Cellot (International School for Advanced Studies (SISSA))

Irisin enhances memory and spatial learning by modulating neuroplasticity factors in the brain of aged mice

Manuela Dicarlo, Patrizia Pignataro, Roberta Zerlotin, Graziana Colaianni, Angela Oranger, Clelia Suriano, Silvia Colucci, Maria Grano (University of Bari "A. Moro")

Prolonged treatment with irisin counteracts bone loss and muscle fiber degeneration in aged mice

Graziana Colaianni, Angela Oranger, Roberta Zerlotin, Patrizia Pignataro, Clelia Suriano, Manuela Dicarlo, Silvia Colucci, Maria Grano (University of Bari "A. Moro")

First integrative study of bats' evolutive adaptations provides novel molecular hints for healthy aging

Andrea Locatelli (Ospedale San Raffaele), Roberto Pagliarini (University of Udine), Martina Uggè, Davide Stefanoni, Alessandra Boletta, Rosa Bernardi (Ospedale San Raffaele), Simone Cenci (University Vita-Salute San Raffaele, Milano)

14.30 - 16.00 **Results of the Survey on Data Usage for the Age-it Community**

Agar Brugiavini (Ca' Foscari University, Venice)

Working group on "Data Access and Data linkage"

Giovanna Boccuzzo (University of Padua)

Working Group on "Data Harmonization"

Claudio Lucifora (Catholic University of Sacred Heart)

Age-It: first results after one year of the Programme

Mario Mezzanica (Bicocca University of Milan)

An overview on the European Experience on the Access to Data for Research

Paolo Paruolo (ISPRA)

The New Data Collection Corner

Daniele Vignoli (University of Florence)

Monday 20/05/2024

Day 1
Session 3 A

Room 9 A

16.30 - 18.00 Neurodegeneration

Chair: **Benedetta Nacmias**

Metabolomic Investigation Of The Effects Of Alzheimer's Molecular Stressors On Neuroblastoma Cells

Leonardo Tenori, Alessia Vignoli, Lorenzo Neri, Alessandra Bigi, Fabrizio Chiti (University of Florence)

Serum Neurofilament Light Chain, GFAP and pTau181 as biomarkers in Parkinson's disease patients with and without cognitive deficits

Eleonora Fiorenzato, Giulia Musso, Simone Cauzzo, Roberta Biundo, Miryam Carecchio, Marta Campagnolo (University of Padua), Aron Emmi (Center for Neurodegenerative Disease Research, Department of Neuroscience, University of Padova; Institute of Human Anatomy), Michela Garon, Andrea Guerra, Valentina Misenti, Stefania Moz, Stefano Mozzetta (University of Padua), Andrea Pilotto (University of Brescia), Annachiara Cagnin, Daniela Basso, Angelo Antonini (University of Padua)

Distinctive longitudinal brain atrophy progression patterns aid classification of frontotemporal dementia variants

Edoardo Gioele Spinelli, Francesca Orlandi, Alma Ghirelli (Università Vita-Salute San Raffaele - Milano), Elisa Canu, Silvia Basaia, Veronica Castelnovo, Elisa Sibilla, Giordano Cecchetti, Francesca Caso, Giuseppe Magnani (IRCCS Ospedale San Raffaele - Milano), Paola Caroppo, Sara Prioni, Cristina Villa (Fondazione IRCCS Istituto Neurologico Carlo Besta - Milano), Lucio Tremolizzo, Ildebrando Appollonio ("San Gerardo" Hospital and University of Milano-Bicocca - Monza), Federico Verde, Nicola Ticozzi, Vincenzo Silani (IRCCS Istituto Auxologico Italiano, Milano), Federica Agosta, Massimo Filippi (Università Vita-Salute San Raffaele - Milano)

Strategies to study the biology of aging before neurodegenerative disease onset

Fabrizio Chiti (University of Florence)

Mitochondrial copy number in age-related neurodegenerative diseases: preliminary analysis from South Italy late onset Alzheimer disease patients

Francesca Cavalcanti, Luigi Citrigno, Annamaria Cerantonio (CNR IRIB)

16.30 - 18.00 Standards of ageing

Chair: **Rossella Miglio**

Triple Standards of Ageing in Europe?

Manuela Stranges, Gessica Vella (University of Calabria), Francesco C. Billari (Bocconi University)

How to ensure the implementability of multi-component interventions to improve active ageing in older people? An overview of the evidence of systematic reviews

Erika Renzi, Edda Parrinello, Michele Innocenzio, Antonio Covelli, Valentina Baccolini, Corrado De Vito, Carolina Marzuillo, Paolo Villari, Azzurra Massimi (University of Rome La Sapienza)

A systematic review and meta-analysis on the effectiveness of cognitive interventions in healthy ageing

Laura Veronelli, Sara Pegoraro, Giorgia Tosi (University of Milano-Bicocca), Marianna Delussi, Fulvia Campo (University of Bari "Aldo Moro"), Daniele Romano (University of Milano-Bicocca), Elvira Brattico, Roberta Daini (University of Bari "Aldo Moro")

Subjective Survival Beliefs, Cognitive Skills and Investments in Risky Assets

Francesca Parodi (Catholic University of Sacred Heart)

Monday 20/05/2024

Day 1
Session 3 C

Room 10 B

16.30 - 18.00 Active ageing and physical environment

Chair: **Francesca Tosi**

Getting Older People's Voices Heard. A Quantitative Study Using the Validated Italian Age-Friendly Cities and Communities Questionnaire in Venice, Verona and Palermo

Michele Bertani (Ca' Foscari University, Venice)

The challenge of active aging: redesigning access paths and living conditions in residential structures for older people

Paolo Contini, Letizia Carrera (University of Bari "A. Moro")

Smart Home for Home Care: a case study analysis to identify solu- tions for integrating assistive technologies into the physical envi- ronment

Tiziana Ferrante, Federica Romagnoli, Teresa Villani (University of Rome La Sapienza)

Promoting Active Aging through Persuasive Communication: Effects of Differently Framed Messages on Attitudes towards and Intentions to Engage in Physical Activity

Laura Picciafoco, Michela Vezzoli (Catholic University of Sacred Heart), Valentina Carfora (International University of Rome), Patrizia Catellani (Catholic University of Sacred Heart)

Beyond Ageing: Il ruolo dell'ambiente costruito in una prospettiva life-course

Mariangela Perillo, Erminia Attaianese (University of Naples)

16.30 - 18.00 Generations

Chair: **Anna Paterno**

Intergenerational Equity Index

Vincenzo Galasso (Bocconi University), Elisabetta Galeotti, Carlo Burelli, Laura Santi Amantini, Asya Bellia, Enrico Biale, Davide Pala, Gloria Zuccarelli (University of Eastern Piedmont)

Can Future Generations Be Dominated?

Davide Pala (University of Eastern Piedmont)

Mapping Food Habits to build Future Cities of Longevity for the Elderly and Their Caregivers: the case of Cremona territory

Mariarosaria Savarese, Guendalina Graffigna (Catholic University of Sacred Heart)

Isolation or Independence? Investigating Older Adults' Loneliness in Italy

Annalisa Donno, Maria Letizia Tanturri (University of Padua)

Unpacking the active aging construct: Europe's productivist approach and its implications for social justice and elderly well-being

Adriana Cerasuolo, Giustina Orientale Caputo (University of Naples)

Monday 20/05/2024

Day 1
Session 3 E

Room 5 A

16.30 - 18.00 Ageing and care

Chair: **Elena Pirani**

Formal, informal, and technology-mediated care: reframing older adults' learning and care through the lenses of complexity and systems theory

Davide Cino, Laura Formenti, Francesca Loberto (University of Milano-Bicocca)

Nurses' roles in caring for older people in domiciliary settings: A Scoping Review Protocol

Isabella Santomauro, Erika Bassi (University of Eastern Piedmont), Angela Durante (Tuscany Fondation)

Exploring elderly care training needs of migrant family care assistants of older people with dementia in Italy: a qualitative study within the AGE-IT project

Sara Santini (IRCCS INRCA), Antonella Golino, Daniela Grignoli (University of Molise), Flavia Galassi, Georgia Casanova (IRCCS INRCA), Ilaria Chirico, Veronica Moretti, Riccardo Pronzato, Rabih Chattat (University of Bologna)

Behavioural Responses to Disability Insurance Generosity in a Work-Compatibility Setting

Francesca Zantomio (Ca' Foscari University, Venice)

The implementation of Family and Community Nursing: a protocol of a qualitative study

Erica Busca (University of Eastern Piedmont)

16.30 - 18.00 **Adoption/resistance of digital technologies**

Chair: **Mario Mezzanica**

Insights from the Survey on emerging Technological Devices in Age-It

Federica Romagnoli, Tiziana Ferrante, Teresa Villani (University of Rome La Sapienza), Lorena Rossi (IRCCS INRCA), Maria Luisa Mancusi (Catholic University of Sacred Heart)

Digital technologies for healthy ageing: a new mapping proposal

Stefano Paolo Russo, Tiziana Russo Spena (University of Naples)

Technology adoption (or resistance) amongst Italian older carers

Federica Cretazzo, Emanuela Sala, Marco Terraneo (University of Milano-Bicocca)

The “techno-vulnerability” of Elderly People in the Elder Care Sector

Francesca Rotolo, Claudia Irti (Ca' Foscari University, Venice)

Tuesday 21/05/2024

Day 2
Session 1 A

Room 9 A

9.00 - 10.30 Smart Healthcare

Chair: **Rabih Chattat**

Smart Solutions for Healthcare: Optimizing Official Statistics with Enhanced Systems

Filippo Pallucchini, Alessia De Santo, Fabio Mercorio, Mario Mezzanzanica, Filippo Pallucchini (University of Milano-Bicocca)

Sensory healthcare environments to promote healthy aging

Elena Bellini, Nicoletta Setola (TESIS, University of Florence)

DemiCare – A personalized app-based system to support informal caregivers of older people with dementia

Francesca Gris, Roberta Renna, Serena Cancellieri, Maria Gabriella Melchiorre, Lucia Paciaroni, Alessandra Raccichini, Giovanni Lamura (INRCA)

An Ultraportable Ultrasound Imaging System Enhanced by Artificial Intelligence: proof of concept

Valentino Meacci (University of Florence)

Time-Domain functional Near-Infrared Spectroscopy

Lorenzo Spinelli (IFN CNR)

9.00 - 10.30 Life course trajectories

Chair: **Ylenia Brilli**

Old but Gold: Population Ageing and Innovation Incentives

Maria Luisa Mancusi, Matteo Romagnoli (Catholic University of Sacred Heart)

Health status, disability and active ageing in the Italian elderly population (2013-2021)

Paolo Pasetti (University of Bologna), Loris Vergolini (University of Bologna - FBK-IRVAPP)

Healthy lifestyles, individuals' resources and longevity: a technology based health promotion and frailties prevention during lifespan

Maria Gattuso, Stefania Butti, Inahia Laureano Beninca, Marcella Messina, Francesca Morganti (University of Bergamo)

Vulnerability and existential feelings of ageing: personal traits and public implications

Francesca Forlè, Francesca De Vecchi, Roberta Sala (Vita-Salute San Raffaele University, Milan)

Single-parents' subjective well-being in Europe: A multilevel analysis

Andrea Ballerini (University of Florence)

Tuesday 21/05/2024

Day 2
Session 1 C

Room 10 B

9.00 - 10.30 Assessing the risk of Cognitive impairment

Chair: **Carlo Ferrarese**

A Multi-State Analysis of Disease Trajectories and Mental Health Transitions in Patients with Type 2 Diabetes

Jacopo Lenzi, Rossella Messina, Simona Rosa (University of Bologna), Marica Iommi (Marche Polytechnic University), Paola Rucci, Maria Pia Fantini (University of Bologna), Paolo Di Bartolo (Local Healthcare Authority of Romagna)

Plasma GFAP, NfL and pTau 181 detect preclinical stages of dementia

Assunta Ingannato (University of Florence)

Executive Functions Screening in Physiological Aging: Pilot Study of a New Instrument and Analysis of Latent Performance Profiles

Davide Crivelli, Michela Balconi (IrcCAN, Catholic University of Sacred Heart)

Risk Factors for Cognitive Decline: The Role of Occupational Status

Sara Mondini, Giovanna Boccuzzo, Sveva Salvi Bentivoglio, Giulia Sebastianutto (University of Padua)

The impact of the complex interaction of basic mechanisms on reading decline in healthy aging

Sara Pegoraro (University of Milano-Bicocca)

9.00 - 10.30 **Data modelling for ageing studies**

Chair: **Elisabetta Barbi**

Modelling the aging-associated loss of proteostasis leading to proteinopathy

Alessandra Bigi, Fabrizio Chiti (University of Florence)

Experimental Assessment of Thermodynamic Models: Exploring the Relationship between Physical Activity, Metabolic Behavior, and Aging

Aiman Radhid, Daniele Fiaschi (University of Florence)

A Graph-based Model to navigate through Population Aging Indicators

Anna Velyka, Fabio Mercorio, Mario Mezzanzanica (University of Milan-Bicocca)

AGIT, a dynamic microsimulation model for the ageing Italy – Preliminary results

Fabrizio Culotta (University of Milan - Bicocca)

Modelling the hyperexcitability preceding Alzheimer's disease by treating neuronal cells with sub-threshold concentrations of amyloid- β oligomers and glutamate

Lorenzo Neri, Marina Bacci, Andrea Morandi, Fabrizio Chiti (University of Florence)

Tuesday 21/05/2024

Day 2
Session 1 E

Room 5 A

9.00 - 10.30 Work, fertility and family life

Chair: **Tiziana Nazio**

Causes and Consequences of Retention: How Gender and Age Modulate the Effects

Alessia Valmori, Claudia Manzi, Eleonora Crapolichio, Claudio Lucifora, Enrico Franzetti (Catholic University of Sacred Heart)

The hidden costs of care: Informal caregiving and health in Italy

Alessandra De Rose (MEMOTEF, University of Rome La Sapienza), Elisa Cisotto, Giulia Cavrini (Free University of Bolzano)

Demographic behavior in Italy (2010-2019): Disentangling the Recent Contribution of Foreign and Italian Women to Crude Birth Rates

Rocco Mazza, Thaís García-Pereiro, Anna Paterno (University of Bari "A. Moro")

Non-intact Families and Children's Vaccination Coverage: Evidence from Italy

Maria Veronica Dorgali (University of Florence), Alice Dominici (Bocconi University), Raffaele Guetto, Valentina Tocchioni, Daniele Vignoli (University of Florence)

Degree of urbanization at birth and epigenetic variability: a case study on DNA methylation in the Italian population

Vincenzo Iannuzzi, Cristina Giuliani (University of Bologna)

9.00 - 10.30 Cohort studies: implications for clinical geriatric practice

Chair: **Patrizia Rovere Quirini**

Predictive values of relative fat mass and body mass index of cardiovascular health in community-dwelling older adults: Results from the Longevity Check-up (Lookup) 7+

Ilaria Esposito, Riccardo Calvani, Francesco Landi (Catholic University of Sacred Heart)

Relationship between neurological, metabolic and functional biomarkers of aging: the OPA study

Chiara Ceolin, Eleonora Fiorenzato, Giulia Musso, Cristina Simonato, Silvia Sturani, Adele Ravelli, Francesca Vianello, Laura Nasi, Simone Cauzzo, Sabrina Pigozzo, Alessandra Coin, Marina De Rui, Maria Devita, Luca Busetto, Angelo Antonini, Giuseppe Sergi (University of Padua)

Healthy aging in chronic disease: the role of Self-Perception of Aging. A preliminary study

Fabrizio Mezza, Daniela Lemmo (University of Naples), Roberto Bianco (Double affiliation: University of Campania "Luigi Vanvitelli" & University of Naples), Maria Francesca Freda (University of Naples)

Addressing misclassification in the assessment of self-rated health: insights from the elderly population Italy

Maria Felice Arezzo, Eleonora Trappolini, Giuseppina Guagnano (University of Rome La Sapienza)

Tuesday 21/05/2024

Day 2
Session 2 A

Room 9 A

11.00 - 12.15 Migration

Chair: **Raffaele Guetto**

Ageing-in-place migrants: a glimpse within the category through the lens of marginality and immobility

Laura Ferrero, Andrea Pogliano (University of Eastern Piedmont), Francesca Forlè, Maria Russo, Sarah Songhorian (Vita-Salute San Raffaele University)

New Cultural Models of Aging: Experiences and Motivations of Italian Retirees Moving Abroad

Alice Lomonaco, Marco Alberio, Susi Anny Veloso Resende (University of Bologna)

Occupational characteristics and living conditions of migrant female domestic workers in Italy and other selected European countries

Giuseppe Gabrielli (University of Naples), Anna Paterno (University of Bari "A. Moro"), Salvatore Strozza (University of Naples)

11.00 - 12.15 **Life course pathways to retirement**

Chair: **Vanna Boffo**

Pathways to retirement

Giacomo Pasini (Ca' Foscari University, Venice)

The Retirement Caring Penalty in Europe

Francesco Maura, Paola Profeta (Bocconi University)

Should I stay or should I go? The role of fluid and crystallized intelligence on retirement decisions

Nicole Di Natale, Claudio Lucifora (Catholic University of Sacred Heart)

Work Retirement Transition: Effectiveness for Active Ageing with a focus on cultural services and third sector

Giovanna Del Gobbo, Cristina Banchi (FORLILPSI-University of Florence)

Tuesday 21/05/2024

Day 2
Session 2 C

Room 4 A

11.00 - 12.15 **Design digital technologies for the older population**

Chair: **Mattia Pistolesi**

Exploring the impact of Ambient Assisted Living for older people on caregiver burden: a systematic literature review

Marco Soggi, Georgia Casanova (INRCA)

The process design and development of a digital tool to inform and support informal caregivers

Ilaria Chirico (University of Bologna), Sara Santini, Georgia Casanova (INRCA, National Institute of Health and Science on Ageing, Centre for Socio-Economic Research on Ageing, Ancona), Antonella Golino, Daniela Grignoli (University of Molise), Veronica Morretti, Riccardo Pronzato, Rabih Chattat (University of Bologna)

From the analysis of 'Unmet Needs' to the construction of integrated PDTAs for chronic diseases. Experiences from use cases and implemented digital solutions

Michele Virgolesi, Lorenzo Mercurio, Teresa Rea, Claudia Salvatore, Vincenzo De Luca, Maddalena Illario (University of Naples)

Continuous and Latent Monitoring of Cardiac Parameters via Wearable Devices and Artificial Intelligence

Pasquale Trinchese, Davide Donato Russo, Simone Scalabrino, Antonio Totaro (Department of Bioscience and Territory, University of Molise), Paolo Marini (AEBiosystem), Cecilia Tomassini (Department of Economics, University of Molise), Rocco Oliveto, Gianluca Testa (Department of Bioscience and Territory, University of Molise)

11.00 - 12.15 **Frailty and Multimorbidity**

Chair: **Gianluca Aimaretti**

The role of rehabilitation for fall prevention in elderly

*Angela Palomba, **Antonio Picone**, Felice Sirico, Daniela Lemmo, Fabrizio Mezza, Maria Francesca Freda, Carlo Ruosi (University of Naples)*

Disease prevention and health promotion through healthy lifestyles for psoriatic patients

Mariateresa Cantelli, Massimiliano Scalvenzi, Matteo Megna (University of Naples)

Glucometabolic outcomes of GLP-1 receptor agonist-based therapies in patients with type 2 diabetes: a systematic review and network meta-analysis

Francesco Giorgino, Irene Caruso (University of Bari "A. Moro")

Predictors of incident mobility disability in older adults with physical frailty and sarcopenia: Secondary analysis from the SPRINTT clinical trial

Riccardo Calvani, Emanuele Marzetti (Catholic University of Sacred Heart), Matteo Tosato (Fondazione Policlinico Universitario A. Gemelli IRCCS)

Tuesday 21/05/2024

Day 2
Session 2 E

Room 10 A

11.00 - 12.15 Rethinking an ageing society

Chair: **Aleksandra Torbica**

Demography and comparative law: a twofold relationship in the analysis of population ageing

Claudia Morgana Cascione (University of Bari "Aldo Moro")

From Insights to Impact: Tailored, Age-responsive Strategies For Mitigating Job Insecurity

Luisa Errichiello (Institute for Studies on the Mediterranean of the National Research Council (CNR-ISMed), Greta Falavigna (Research Institute on Sustainable Economic Growth of the National Research Council (CNR-IRCrES))

Employment Incentives for Victims of Gender Violence: The Role of Ageing

Giuseppe Rose, Patrizia Ordine (University of Calabria)

Sustainable transport infrastructures for the elderly: distributive effects and composite indicators

Elisabetta Venezia (University of Bari "Aldo Moro")

11.00 - 12.15 **Basic mechanisms underlying functioning and disease in ageing #2**

Chair: **Daniela Corda**

An unprecedented proteostatic control of mitochondrial architecture and function by the eumetazoan adapter SQSTM1/p62 in aging pathophysiology

*Enrico Milan (University Vita-Salute San Raffaele, Milano), Massimo Resnati, Maria Materozz (IRCCS Ospedale San Raffaele), Matteo Trudu (University Vita-Salute San Raffaele, Milano), Ugo Orfanelli, Elena Ruggieri, Angelo Quattrini, Francesca Maltecca (IRCCS Ospedale San Raffaele), Daniela Merlotti, Luigi Gennari (University of Siena), **Simone Cenci** (University Vita-Salute San Raffaele, Milano)*

Unraveling the role of the alarmin HMGB1 in the aging process

Erika Di Domenico (University Vita-Salute San Raffaele, Milano)

The ageing endosome: investigating endosomal function in aged-related changes of post-transcriptional control of gene expression

Ainhoa Viana Alzola (University Vita-Salute San Raffaele, Milano)

Oxidative stress-induced senescence in visceral adipose stem cells: a promising model to investigate visceral adipose tissue aging

Jacopo Venetucci, Giulia Garro, Annamaria Antona, Marco Varalda, Silvia Vittoria Cracas, Herald Nikaj, Nicoletta Filigheddu, Marcello Manfredi, Sergio Gentilli, Guido Valente, Daniela Capello (University of Eastern Piedmont)

Tuesday 21/05/2024

Day 2
Session 3 A

Room 9 A

14.30-16.00 Work and lifestyle over the life course

Chair: **Chiara Rapallini**

Working conditions and health at work over the lifecourse: preliminary evidence from Europe

Paolo Micera (Catholic University of Sacred Heart), Michele Belloni (University of Torino), Claudio Lucifora (Catholic University of Sacred Heart)

Understanding spatio-temporal determinants of heterogeneity in Italian morbidity curves using cross-sectional health surveys

Mattia Stival, Lorenzo Schiavon, Stefano Campostrini (Ca' Foscari University, Venice)

Psychological and physical effects of light-intensity group exercise for community-dwelling older adults

Inahá Benincá, Maria Gattuso, Stefania Butti, Claudio Bertoletti, Francesca Morganti (University of Bergamo)

Managing Age within and between Firms in an Aging Society: Implications for Firms' Efficiency and Workers' Well-being

Enrico Franzetti, Claudia Manzi, Eleonora Crapolicchio, Alessia Valmori Claudio Lucifora (Catholic University of Sacred Heart)

Age management – Employers' management of employees based on their age, in Italy

Davide Lucantoni, Marco Socci, Andrea Principi (IRCCS INRCA)

14.30 - 16.00 **Frailty and Multimorbidity**

Chair: **Pasquale Abete**

Innovative approach to design user-centered digital solutions for Plastic Surgery non-melanoma skin cancer patients

Annachiara Cavaliere (Federico II University Hospital)

Serum GDF-15 and NFL as predictive biomarkers of multimorbidity and short and long term mortality in geriatric patients

Francesco Piacenza, Francesca Marchegiani, Rina Recchioni, Maurizio Cardelli, Deborah Ramini, Giulia Maticchione, Matilde Sbriscia, Chiara Giordani, Sonia Fantone, Robertina Giacconi, Mirko Di Rosa, Andrea Corsonello, Antonio Cherubini, Antonio Domenico Procopio, Fabiola Olivieri (IRCCS INRCA)

An IT-supported multidimensional approach to screen for frailty in community-dwelling older adults

Vincenzo De Luca, Michele Virgolesi, Guido Iaccarino (University of Naples), Giuseppe Liotta (University of Rome "Tor Vergata"), Maddalena Illario (University of Naples)

Gendered effect of Partners Health on Silver Splits in Europe

Daniele Vignoli, Giammarco Alderotti (University of Florence), Cecilia Tomassini (University of Molise)

Tuesday 21/05/2024

Day 2
Session 3 C

Room 10 B

14.30-16.00 **Muscle aging**

Chair: **Stefano Salvioli**

Mitochondria network as a central hub in the control of proteostasis and sarcopenia

Marco Sandri (University of Padova)

Effects of the titin gene mutation FINmaj on the performance of the soleus muscle investigated in a mouse model

*Giulia Sautariello, Matteo Marcello, Marco Caremani, Ilenia Morotti, Vincenzo Lombardi (University of Florence), Sonia Albin, Carinne Roudaut (Centre de Recherche G n thon, CNRS, Evry), Marco Savarese, Bjarne Udd (Folkh lsan Research Center, Helsinki), Isabelle Richard (Centre de Recherche G n thon, CNRS, Evry), **Marco Linari (University of Florence)***

Circulating and muscle-specific levels of GDF15 as markers of loss of muscle mass and strength

*Antonio Chiariello, Luca Rossetti (University of Bologna), Giuseppe Conte (University of Pisa), Lorenzo Trofarello, Stefano Salvioli, **Maria Conte (University of Bologna)***

Chronic inflammation-induced impairment of skeletal muscle cAMP signaling drives mitochondrial dysfunction and sarcopenia in vitro and in vivo

*Elia Angelino (University of Eastern Piedmont, University of Torino), Lorenza Bodo (University of Torino), Suvham Barua (University of Eastern Piedmont, University of Torino), Andrea Lauria (University of Torino), Roberta Sartori (University of Padua), Raluca Minea (University of Torino), Giulia Rossino (University of Eastern Piedmont, University of Torino), Sabrina Mula (University of Torino), Giuseppina Caretti (University of Milano), Marco Sandri (University of Padua), Valentina Proserpio (University of Torino), Valeria Malacarne, **Andrea Graziani (University of Eastern Piedmont, University of Torino)***

Beyond genetics: deciphering the regulatory network that governs muscle stem cells heterogeneity to enhance muscle repair in diseased and aged conditions

Gabriella Minchiotti, Ombretta Guardiola, Cristina Rodriguez, Laura Pisapia, Gennaro Andolfi (CNR-IGB)

14.30 - 16.00 Health and prevention

Chair: **Lorenzo Mercurio**

RELIability and ValiDity of the eSPPB in AssEssing Frailty in Older PatientS with HearT Disease - The ELDEST study protocol

Diego Longo, Michele Piazzini (University of Florence), Marco Baccini (IRCCS Fondazione Don Carlo Gnocchi Firenze), Alessio Faralli, Giuseppe Dario Testa, Andrea Ungar, Francesca Cecchi (University of Florence)

Motivational profiles in fall prevention: a preliminary study

Daniela Lemmo, Angela Palomba, Fabrizio Mezza (University of Naples), Antonio Picone, Carlo Ruosi (Federico II University Hospital), Maria Francesca Freda (University of Naples)

A noninvasive method for early detection of prostate cancer by sniffing urine odour via electronic nose and GC/MS

Simonetta Capone, Angiola Forleo (CNR-IMM)

Role of Carotid Sinus Hypersensitivity in predicting the mechanism of spontaneous syncope – Preliminary data from the REMOTE 1 sub-study

Giulia Matteucci, Andrea Ungar, Giulia Rivasi, Martina Rafanelli (University of Florence)

Cancer screening programs and their effects in Europe: Evidence from SHARE data

Martina Celidoni, Guglielmo Weber, Handastya Nita (University of Padua)

Tuesday 21/05/2024

Day 2
Session 3 E

Room 5 A

14.30 - 16.00 Human Capital and work

Chair: **Mario Paolucci**

Active Ageing in Firms: an index of organizational well-being

Claudio Lucifora, Enrico Franzetti, Claudia Manzi, Alessia Valmori, Eleonora Crapolichio (Catholic University of Sacred Heart)

Supply of Tertiary Education and Workers' Long-run Outcomes

Ylenia Brillì (Ca' Foscari University, Venice), Elena Cottini (Catholic University of Sacred Heart), Gloria Moroni (Ca' Foscari University, Venice), Francesca Parodi (Catholic University of Sacred Heart), Paolo Ghinetti (University of Eastern Piedmont)

Innovation technologies, skills development and age management to enhance the employability of older workers in small and medium-sized enterprises

Valeria Iadevaia, Maria Luisa Aversa, Pietro Checcucci, Roberta Fefè (INAPP)

Navigating Insecure Labour Markets through Social Dialogue: A Qualitative Survey of Measures for Older Workers in Italy

Tania Toffanin (CNR-ISMed), Luisa Errichiello (Institute for Studies on the Mediterranean of the National Research Council (CNR-ISMed))

Navigating the Aging Workforce: Mapping Dynamics of Successful Aging and Retirement

Arianna Costantini, Sara Zaniboni (University of Bologna)

14.30 - 16.00 **Will (Age-)It survive? Programme Impact and Sustainability after the NRRF. The perspective of stakeholders**

Chair: **Carlos Chiatti and Giovanni Lamura**

The view of:

- civil society organizations:

AUSER (l'Associazione per l'Invecchiamento Attivo), Confcooperative and Fondazione Garzanti Ravasi representatives

- industry:

Sanofi Srl, Cluster Smile and Silver Economy Network representatives

- policy makers:

Promis (Programma Mattone Internazionale Salute) representatives

The impact of longevity and aging population on the demand for insurance

Dario Focarelli (Director General ANIA)

Tuesday 21/05/2024

Day 2
Session 4 A

Room 9 A

16.30 - 17.45 Frailty and Multimorbidity

Chair: **Guido Iaccarino**

Analysis of multimorbidity patterns via graphical models

Erika Banzato, Giovanna Boccuzzo, Alberto Roverato, Alessandra Buja (University of Padova)

Does using technological devices motivate older adults to engage in physical activities? A systematic review and meta-analysis

James Dawe (University of Rome "La Sapienza")

Multi-domain Interventions to improve the COgnitive and fUNCTIONal well-being of elderly individuals in residential sTructures (I COUNT)

Marianna Noale (National Research Council (CNR), Neuroscience Institute), Zaira Romeo, Chiara Ceolin, Maria Devita (University of Padua), Alessandro Morandi, Stefania Maggi (National Research Council (CNR), Neuroscience Institute)

Management of polypharmacy in Italy: a systematic literature review

Lara Perrella, Sara Mucherino (CIRFF-Center of Pharmacoeconomics and Drug Utilization, Department of Pharmacy, University of Naples), Manuela Casula (Epidemiology and Preventive Pharmacology Service (SEFAP), Department of Pharmacological and Biomolecular Sciences, University of Milan), Maddalena Illario (Division of Health Innovation, Campania Region Health Directorate, Napoli), Valentina Orlando, Enrica Menditto (CIRFF-Center of Pharmacoeconomics and Drug Utilization, Department of Pharmacy, University of Naples)

16.30 - 17.45 **Cognitive impairment**

Chair: **Rosa Liperoti**

IN-TeMPO: ItaliaN study with Tailored Multidomain interventions to Prevent functional and cognitive decline in community-dwelling Older adults

Luca Cuffaro (University of Milano-Bicocca; NeuroMI; IRCCS San Gerardo dei Tintori Hospital), Giuseppe Bellelli, Maria Cristina Ferrara (University of Milano-Bicocca; IRCCS San Gerardo dei Tintori Hospital), Francesca Gasparini (University of Milan-Bicocca), Federico Emanuele Pozzi (University of Milano-Bicocca; NeuroMI; IRCCS San Gerardo dei Tintori Hospital), Chukwuma Okoye (University of Milano-Bicocca; NeuroMI; IRCCS San Gerardo dei Tintori Hospital), Gessica Sala, Carlo Ferrarese (University of Milano-Bicocca; NeuroMI; IRCCS San Gerardo dei Tintori Hospital)

The “sound” study protocol: a non-pharmacological music-based intervention for older people with dementia and dementia care professionals

Alessandra Merizzi, Sara Santini, Sabrina Quattrini (IRCCS-INRCA)

Using finger-tracking technology to investigate reading decline in ageing

Vito Pirrelli (National Research Council, Institute for Computational Linguistics)

Technological solutions for topographic disorientation and personal safety alarms: experiences in county Modena

Antonella Rita Vaccina, Devis Trioschi, Claudio Nenna, Rita Minozzi, Emanuele Rocco Villani, Andrea Fabbo (U.O.C. CDCD - Dip. di Cure Primarie, Castelfranco Emilia)

Tuesday 21/05/2024

Day 2
Session 4 C

Room 10 B

16.30 - 17.45 Life Course pathways to retirement

Chair: **Gianfranco Santoro**

Occupation-specific health hazards and trajectories to retirement

Ya Gao, Danilo Cavapozzi, Irene Mammi (Ca' Foscari University, Venice)

Transitions in older age: an interdisciplinary meta-narrative

Laura Formenti (University of Milano-Bicocca), Maria Vittoria Bufali (Bocconi University), Laura Cataldi (University of Eastern Piedmont), Marialuisa Marzullo (University of Naples), Amelia Compagni (Bocconi University), Tiziana Nazio (University of Eastern Piedmont), Andrea Principi (INRCA Ancona), Cristina Mele (University of Naples), Davide Cino, Francesca Romana Loberto (University of Milano-Bicocca), Marco Socci (INRCA Ancona)

**Italian Employment Landscapes:
Unveiling Diverse Career Trajectories**

Petru Crudu, Giacomo Pasini (Ca' Foscari University, Venice)

**Anything can happen... or maybe not?
Analysis of the trajectories of the young old**

Lucia Zanotto, Roberto Impicciatore (University of Bologna)

16.30 - 17.45 **Healthy Ageing**

Chair: **Fabrizio Faggiano**

Conceptualisation and Measurement of Healthy Ageing: Insights from a Systematic Literature Review

Andreea Piriu, Maria Vittoria Bufali, Giulia Cappellaro, Amelia Compagni, Aleksandra Torbica (Bocconi University)

Multidimensional stratification of informal caregiving toward older parents

Francesca Zanasi (University of Bologna)

Who takes care of old migrant care workers in Italy? The challenges of Ageing

Lucrezia Alice Moschetta (University of Padua), Sabrina Marchetti (Ca' Foscari University, Venice)

Comparing and Contrasting Rural versus Urban Health Care Access, Quality, and Outcomes for elderly patients

Paolo Berta, Mohamed Mowafy (University of Milano-Bicocca), Catia Nicodemo (University of Oxford), Khalid Shomali (University of Verona)

Tuesday 21/05/2024

Day 2
Session 4 E

Room 5 A

16.30 - 17.45 Monitoring

Chair: **Luca Francioso**

Rationale and concept for wearable sensor monitoring of non-professional elderly subject caregivers

Alessandro Silvani, Abdul Haleem Butt, Marco Domenicali (University of Bologna), Gianluca Testa (University of Molise)

Ethical and legal implications of the use of health monitoring wearable devices: a scoping review protocol

Emma Capulli, Ylenia Druda, Abdul Haleem Butt, Francesco Palmese, Alessandro Silvani, Marco Domenicali, Giorgio Bedogni, Francesca Ingravallo (University of Bologna)

A well-being monitoring hub for the elderly with the assistance of artificial intelligence (AI)

Zaccaria Del Prete, Livio D'Alvia, Christian Napoli (University of Rome "La Sapienza")

Smart wearable technologies in the healthcare context: safety and monitoring

Alessandro Leone, Andrea Caroppo, Andrea Manni, Gabriele Rescio, Pietro Siciliano (CNR, IMM)

16.30 - 17.45 **Cell senescence advances in ageing research**

Chair: **Antonino Colanzi**

The essential amino acid transporter LAT1 (SLC7A5) is a copper transporter in the form of Cu-histidinate complex: potential role in cellular senescence

Mariafrancesca Scalise, Raffaella Scanga, Cesare Indiveri (University of Calabria)

Microglia senescence in painful neuropathies: characterization of the senescent phenotype and identification of new senotherapeutic interventions

Chiara Sasia, Nicoletta Galeotti (University of Florence, NEUROFARBA)

Cellular senescence: unravelling the regulation of the senescent secretory phenotype

Antonino Colanzi, Rosaria Di Martino, Alessia Varone, Seetharaman Parashuraman, Alberto Luini, Daniela Corda (IEOS, CNR)

Cellular senescence in metabolic patients

Lucilla Crudele, Carlo Custodero, Vincenzo Solfrizzi, Antonio Moschetta, Alberto Pilotto (University of Bari "Aldo Moro")

Tuesday 21/05/2024

Day 2
Poster Session

Poster Area

17.50 - 19.00 Older carers and the digitalisation of health services: a scoping review

Emanuela Sala, Federica Cretazzo, Miriam Serini (University of Milano-Bicocca)

The problem of abandoned embryos

Sara Landini, Maria Elisabetta Coccia (University of Florence), Gianni Baldini (AMI)

HCD approach for the definition of physical and digital interfaces for the promotion of active and healthy ageing

Mattia Pistolesi, Francesca Tosi, Claudia Becchimanzi (University of Florence)

Work related socioeconomic determinants of health: evidence from educational mismatch in Italy

Cristiana Abbafati (University of Rome La Sapienza), Aldo Rosano (INAPP)

Health inequalities, educational mismatch and precarious work: the case of women in the Italian labour market

Cristiana Abbafati (University of Rome La Sapienza), Aldo Rosano (INAPP)

Enacting algorithmic technologies in the co-design of eHealth interventions

Riccardo Pronzato (University of Bologna)

Monitoring inequalities in cause-specific mortality by education, years 2019 and 2020

Marilena Pappagallo, Enrico Grande, Luisa Frova (ISTAT)

The usefulness of imaging domain to identify elderly subjects with physical decline

Klara Komici, Maria Chiara Brunese, Francesco Merolla, Germano Guerra (University of Molise)

What is the current knowledge and experience on Preventive Pathway for Healthy Aging in Italy? A Scoping Review

Alice Masini, Irlanda Pighini, Andrea Conti, Antonio Isabella, Nicolò Cherasco, Massimiliano Panella (University of Eastern Piedmont)

Statistical sources to estimate the care needs of older people in Italy

Carlo Lallo, Caterina Del Balso, Cecilia Tomassini (University of Molise)

Formal caregivers and training needs: some results of a qualitative survey

Daniela Grignoli, Antonella Golino (University of Molise), Sara Santini, Georgia Casanova (IRCCS INRCA), Veronica Moretti, Riccardo Pronzato, Rabih Chattat, Ilaria Chirico (University of Bologna)

Immigrant presence in the Italian Health System. History of a Slow Discovery

Patrizia Farina, Daniela Carrillo (University of Milano-Bicocca)

Fair valuations of insurance policies under multiple risk factors: A flexible lattice approach

Emilio Russo (University of Calabria)

Tuesday 21/05/2024

Day 2
Poster Session

Poster Area

A multidomain intervention for preventing multidimensional frailty in healthy ageing

Mariangela Lippolis, Alberto Pilotto, Nicola Quaranta, Annamaria De Luca, Vincenzo Solfrizzi, Benedetta Matarrelli, Marianna Delussi, Paola Mantuano, Alessandra Pantaleo, Roberta Lenti, Elvira Brattico (University of Bari)

Validated open-source algorithms for sleep analysis based on wearable inertial sensors: preliminary results of a systematic literature review

Abdul Haleem Butt, Alessandro Silvani (University of Bologna)

Reconfiguring and personalizing living environments for elderlies with Ambient Assisted Living solutions: the bedroom scenario

Daniele Spoladore, Marta Mondellini, Atieh Mahroo, Marco Sacco (STIIMA-CNR), Tiziana Ferrante, Federica Romagnoli, Teresa Villani (University of Rome La Sapienza)

On the relationship between subjective age and grip strength in old populations

Omar Paccagnella (University of Padua)

Artificial Intelligence and Age Discrimination in the Workplace: Scenarios and Possible Perspectives

Marcello Deotto (Ca' Foscari University, Venice)

A repeated measures survey to explore the individual resources, lifestyle, and wellbeing of older adults

Diletta Barbiani, Laura Picciafoco, Alessandro Antonietti, Guendalina Graffigna, Michela Balconi, Paola Iannello, Davide Crivelli, Gianluca Castelnuovo, Mauro Maria Bertolotti, Valentina Carfora, Antonella Marchetti, Davide Massaro, Annalisa Valle, Giuseppe Riva, Andrea Gaggioli, Daniela Villani, Mariarosaria Savarese, Patrizia Catellani, Francesco Pagnini (Catholic University of Sacred Heart)

The role of expectations and cognitive biases in the ageing trajectory

Diletta Barbiani, Alessandro Antonietti, Francesco Pagnini (Catholic University of Sacred Heart)

Analysing the bradykinesia features combination in people with Parkinson's disease and elderly healthy individuals

Matteo Bologna (University of Rome La Sapienza)

La legge delega 33 del 2023 tra innovazione e inattuazione: verso un nuovo diritto sociale fondamentale all'assistenza continuativa e integrata per la persona anziana non autosufficiente?

Teresa Andreani (Scuola Superiore Sant'Anna, Pisa)

Nigrostriatal system dysfunction associated with Autosomal Recessive Juvenile Parkinsonism (ARJP) and aging: studying the beneficial changes induced by physical exercise

Cecilia Mini (San Raffaele Scientific Institute, Division of Neuroscience, Neuropsychopharmacology; University of Florence), Guendalina Bastioli (San Raffaele Scientific Institute, Division of Neuroscience, Neuropsychopharmacology; Vita-Salute San Raffaele University), Maria Regoni (San Raffaele Scientific Institute, Division of Neuroscience, Neuropsychopharmacology; Vita-Salute San Raffaele University), Elena Monzani (San Raffaele Scientific Institute, Division of Neuroscience, Neuropsychopharmacology), Letizia Zanetti (San Raffaele Scientific Institute, Division of Neuroscience, Neuropsychopharmacology; Vita-Salute San Raffaele University), Gian Giacomo Consalez (San Raffaele Scientific Institute, Division of Neuroscience, Neuropathophysiology; Vita-Salute San Raffaele University), Laura Croci (San Raffaele Scientific Institute, Division of Neuroscience, Neuropathophysiology) Marco Bacigaluppi (San Raffaele Scientific Institute, Division of neuroscience - INSPE - Institute of Experimental Neurology, Neuroimmunology), Flavia Valtorta (San Raffaele Scientific Institute, Division of Neuroscience, Neuropsychopharmacology; Vita-Salute San Raffaele University), Jenny Sassone (San Raffaele Scientific Institute, Division of Neuroscience, Neuropsychopharmacology; Vita-Salute San Raffaele University)

How to communicate climate change to the elderly: a systematic review

Alessio Faralli, Diego Longo (Department of Clinical and Experimental Medicine, University of Florence), Samuele Pinna (Fondazione don Carlo Gnocchi, Scientific Institute, Florence), Patrizio Zanobini, Chiara Lorini, Guglielmo Bonaccorsi (Department of Health Science, University of Florence), Marco Baccini (Fondazione don Carlo Gnocchi, Scientific Institute, Florence), Francesca Cecchi (Department of Clinical and Experimental Medicine, University of Florence)

Family and Community Nurse in Italy (QUAL-I-FEC): preliminary results of a qualitative-descriptive study using a Rapid Identification of themes from Audio recordings model

Angela Durante (Tuscany Foundation "G. Monasterio", Pisa), Isabella Santomauro, Erika Bassi, Erica Busca, Ines Basso, Silvia Caristia, Alberto Dal Molin (University of Eastern Piedmont), Anna Maddalena Basso, Manuela Ruatta (ASL CN1)

Instruments for Subjective Views of the Aging Processes in Older Adults: A Systematic Review

Enrico Sella, Elena Carbone (Department of General Psychology, University of Padua), Riccardo Domenicucci (Department of General Psychology, University of Padua; Department of Communication Sciences, Humanities & International Studies, University of Urbino), Maria Letizia Tanturri (Department of Statistical Sciences, University of Padua), Antonio Paoli (Department of Biomedical Sciences, University of Padua), Erika Borella (Department of General Psychology, University of Padua)

Physical health and aging well in older LGB adults: The role of discrimination, coming out and personal resiliency

Chiara Antoniucci, Roberto Baiocco, Jessica Pistella, Fabio Lucidi (Department of Developmental and Social Psychology, Sapienza University of Rome)

Unravelling the connections between adverse health outcomes related to frailty for a better understanding of frailty and ageing

Margherita Silan, Maurizio Nicolaio, Erika Banzato, Giovanna Boccuzzo (Department of Statistical Sciences, University of Padua)

The school-university transition of foreign-born students: a first exploratory approach

Alessio Buonomo (University of Naples), Cinzia Conti (ISTAT), Giuseppe Gabrielli (University of Naples), Fabio Rottino (ISTAT), Salvatore Strozza (University of Naples)

Hub and proximity networks for an autonomous life in the third age

Maria Argenti, Fabio Cutroni, Domizia Mandolesi, Anna Bruna Menghini, Maura Percco, Francesca Sarno (University of Rome La Sapienza)

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Day 2
Poster Session

Poster Area

Studying metabolic adaptations to the loss of succinate dehydrogenase in cancer

Simone Cardaci (Ospedale San Raffaele)

Epigenetic aging in Wichi and Criollos from Argentina: an evolutionary ecology perspective

Cristina Giuliani, Stefania Sarno, Vincenzo Iannuzzi (University of Bologna)

Older people and active ageing: active citizenship and social participation

Luca Benvenga, Carmine Clemente (University of Bari "Aldo Moro")

Pharmacobiotechnological approaches for immunomodulation to exert neuroprotection

Diana Amantea, Chiara Di Santo, Giacinto Bagetta (Section of Preclinical and Translational Pharmacology, Department of Pharmacy, Health and Nutritional Sciences, University of Calabria)

Consequences of Hospitalization and Doctor Practice Style

Flavia Cavallini, Fabrizio Mazzonna (Università della Svizzera italiana), Pieter Bakx (Erasmus University Rotterdam)

Comparing educational outcomes of children of mixed and non-mixed origin couples in Italy

Alessio Buonomo (University of Naples), Cinzia Conti (ISTAT), Thaís García-Pereiro, Anna Paterno (University of Bari "Aldo Moro"), Salvatore Strozza (University of Naples)

Novel therapeutic interventions for the treatment of kidney disease and brain disorders

Maria Teresa Cimmarusti, Alessandra Stasi, Marco Fiorentino, Rossana Franzin, Gianvito Caggiano, Monica Campioni, Rosa Losapio (Nephrology, Dialysis and Transplantation Unit, Department of Precision and Regenerative Medicine and Ionian Area (DiMePRE-J), University of Bari), Alberto Crovace (Department of Veterinary Medicine, University of Sassari), Francesco Staffieri (Veterinary Surgery Unit, Department of Precision and Regenerative Medicine and Ionian Area (DiMePRE-J), University of Bari), Sabrina Carparelli, Fabio Sallustio, Paola Pontrelli (Nephrology, Dialysis and Transplantation Unit, Department of Precision and Regenerative Medicine and Ionian Area (DiMePRE-J), University of Bari), Salvatore Grasso (Division of Anesthesiology and Resuscitation, Department of Precision and Regenerative Medicine and Ionian Area (DiMePRE-J), University of Bari), Antonio Crovace (Veterinary Surgery Unit, Department of Precision and Regenerative Medicine and Ionian Area (DiMePRE-J), University of Bari), Loreto Gesualdo (Nephrology, Dialysis and Transplantation Unit, Department of Precision and Regenerative Medicine and Ionian Area (DiMePRE-J), University of Bari)

Manufacturing parameters and thermo-mechanical performances of TCAMs

Salvatore Garofalo (University of Calabria)

Evaluating the Impact of Signal Noise on the Accuracy of Machine Learning Algorithms in ECG Signal Analysis: An Empirical Investigation

Emanuela Guglielmi, Pasquale Trinchese, Aldo Palombo, Gennaro Laudato, Simone Scalabrino (Department of Bioscience and Territory, University of Molise), Gianluca Testa (Department of Medicine and Health Sciences, University of Molise), Cecilia Tomassini (Department of Economics, University of Molise), Rocco Oliveto (Department of Bioscience and Territory, University of Molise)

Occupational characteristics and trajectories of young immigrants' descendants in Italy and other European countries

Rosa Gatti, Giuseppe Gabrielli, Alessio Buonomo, Salvatore Strozza (University of Naples)

Tuesday 21/05/2024

Day 2
Poster Session

Poster Area

**Inequalities Among Older People:
exploring differences in deprivation patterns**

Roberta Misuraca (University of Bari "Aldo Moro")

**Healthy longevity:
a life span construction within a situated and enacted approach**

Francesca Morganti (Università di Bergamo)

**Development of innovative technologies to support family caregivers
of people with dementia**

Ylenia Druda (Department of Medical and Surgical Sciences, University of Bologna)

**Cognitive decline in ageing, neuroenhancement and social cognitive
control: Non-invasive brain TBS rTMS SNT protocol stimulation in clinical
trial placebo-controlled: an EEG Study**

Marianna Delussi (University of Bari "Aldo Moro")

**Performance measurement indicators supporting Lean and Sa-
fety Management in territorial ambulatory healthcare:
a systematic literature review**

Anna Tiso, Caterina Pozzan, Chiara Verbano (University of Padua)

**Health literacy measurement tools in the general elderly population.
Preliminary results of a scoping review**

Claudia Biagi (Health Science Department, University of Florence)

Examples of Assistive Mechatronic Solutions for Healthy Aging and Rehabilitation at UNICAL

Giuseppe Carbone, Elio Matteo Curcio, Francesco Lago (University of Calabria)

Exploring the effects of genes involved in bone remodelling on skeletal aging

Sharon Russo, Maria Rosaria D'Angelo, Federica Scotto di Carlo, Fernando Gianfrancesco (Institute of Genetics and Biophysics - CNR)

The unequal division of unpaid work in Italian couples of different generations: does the adherence to traditional value still matter?

Maria Letizia Tanturri, Annalisa Donno (University of Padova)

Impact of Oral Health Indicators on Bone Mineral Density Disorders in the Aging Population: a Systematic Review

Vittorio Dibello, Carlo Custodero, Vincenzo Solfrizzi, Alberto Pilotto (Department of Interdisciplinary Medicine, Clinica Medica e Geriatria "Cesare Frugoni", University of Bari Aldo Moro)

Exploring frailty and aging biomarkers: preliminary insights from the Novara Cohort Study

Silvia Cracas, Giulia Garro, Chiara Aleni, Jacopo Venetucci, Annamaria Antona, Irlanda Pighini, Luca Briacca, Antonietta Oriolo, Valentina Bettio, Roberta Rolla, Marco Quaglia, Vincenzo Cantaluppi, Fabrizio Faggiano, Daniela Capello (University of Eastern Piedmont)

9.00 - 10.30 Principles of Ageing Biology

Chair: **Veronica De Rosa**

The Novara Cohort Study (NCS): rationale, purpose, and pilot results

Daniela Capello, Silvia Vittoria Cracas, Chiara Aleni, Giulia Garro, Jacopo Venetucci, Annamaria Antona, Irlanda Pighini, Antonietta Oriolo, Luca Briacca, Daniela Ferrante, Fabrizio Faggiano (University of Eastern Piedmont)

Unveiling Ageing and Idiopathic Pulmonary Fibrosis: Advancing Molecular Understanding via Next Generation Sequencing

Sofia Pavanello, Manuela Campisi, Luana Cannella (University of Padua)

Different effects of A β oligomers on human astrocytes from healthy subjects and Alzheimer's disease patients

Elisa Bientinesi, Sara Ristori, Alessandra Bigi, Cristina Cecchi, Fabrizio Chiti, Daniela Monti (University of Florence)

Unravelling the link between uromodulin dosage, aging and risk of chronic kidney disease

Luca Rampoldi, Mariapia Cratere, Claudia Tammaro, Céline Schaeffer (Vita-Salute San Raffaele University)

Pharmacological activation of the HIF-1 α pathway regulates satel- lite cells fate during aging through histone lactylation

Federica Cirillo, Lorenzo Mornatti (IRCCS Policlinico San Donato), Laura Mangiavini (University of Milan), Marco Piccoli (IRCCS Policlinico San Donato), Paola Rota (University of Milan), Carlo Pappone (IRCCS Policlinico San Donato), Giuseppe Maria Peretti (University of Milan), Anastasia Luigi (Vita-Salute San Raffaele University)

9.00 - 10.30 **Re-thinking an ageing society**

Chair: **Elisabetta Galeotti**

Demographic literacy in aging societies. Conceptualization and descriptive evidence

Daniela Bellani, Francesca Luppi, Giulia Rivellini, Alessandro Rosina (Catholic University of Sacred Heart)

Solidarity and ageing society: a philosophical overview

Alessandro Volpe (Vita-Salute San Raffaele University)

Ageism in health and social care? Preliminary findings from a qualitative study in Northern Italy

Elena Allegri, Cristina Calvi, Eugenia Mercuri, Francesca Zaltron (University of Eastern Piedmont)

A Relational Account of Democratic Equality in an Ageing Society

Enrico Biale, Gloria Zuccarelli (University of Eastern Piedmont)

Immigrant presence in the Italian Health System. History of a Slow Discovery

Patrizia Farina, Daniela Carrillo (University of Milano-Bicocca)

Wednesday 22/05/2024

Day 3
Session 1 C

Room 4 A

9.00 - 10.30 **Physical Functioning**

Chair: **Antonio Cherubini**

Aging with disability: a scoping review for framing long-term services and supports

Mabel Giraldo, Antonella Gilardoni (University of Bergamo)

Fat mass predicts frailty and sarcopenia: prospective data from the FRASNET study

Sarah Damanti, Rebecca De Lorenzo, Patrizia Rovere Querini (Vita-Salute San Raffaele University)

Physical Performance strongly predicts all-cause mortality risk in a real-world population of older diabetic patients: machine learning approach for mortality risk stratification

Liana Spazzafumo (IRCCS INRCA), Alberto Montesanto (University of Calabria), Vincenzo Lagani (Ilia State University), Elena Tortato, Sonia Rosati, Andrea Corsonello, Luca Soraci (IRCCS INRCA), Jacopo Sabbatinelli (Polytechnic University of Marche), Antonio Cherubini (IRCCS INRCA), Maria Conte, Miriam Capri (University of Bologna), Maria Capalbo, Fabrizia Lattanzio (IRCCS INRCA), Fabiola Olivieri (Polytechnic University of Marche), Anna Rita Bonfigli (IRCCS INRCA)

BENE: Brain, Exercise, and Nutrition for Elderly

Gioi Spinello, Antonio Paoli, Erika Borella, Enrico Sella, Maria Letizia Tanturri, Alessandra Buja, Tatiana Moro (University of Padua)

Reliability and predictive value of an instrumented version of the SPPB (iSPPB), derived from markerless motion analysis and strength platform, in persons with stroke outcomes - The iSPPB-stroke study protocol

Francesca Cecchi, Diego Longo, Michele Piazzini, Alessio Faralli, Giuseppe Dario Testa, Giulia Rivasì, Andrea Ungar (University of Florence), Marco Baccini (IRCCS Fondazione Don Carlo Gnocchi Firenze)

9.00 - 10.30 **Frailty and Multimorbidity**

Chair: **Francesco Landi**

Age disparity in couples and the sexual and general health of the male partner

Clotilde Sparano, Daniele Vignoli, Giulia Rastrelli (University of Florence), Giovanni Corona (Azienda USL Bologna), Mario Maggi (University of Florence)

Effect of Different Levels of Physical Activity on Neuromuscular Health Across the Lifespan

Marco Narici, Ornella Caputo, Fabio Sarto, Felicità Urzi, Evgeniia Motanova, Martino Franchi, Giuseppe De Vito (University of Padua)

Multimorbidity patterns at older ages: A study using graphical model and network analysis

Linh Hoang Khanh Dang (University of Bologna), Nicola Caranci (Direction of Health and Welfare, Emilia-Romagna region), Rosella Rettaroli, Giulia Roli, Rossella Miglio (University of Bologna)

Longitudinal Trajectories of Multimorbidity in Aging Individuals from the SHARE and ELSA Studies

Elisa Fabbri (University of Bologna), Castor Comploj (University of Groningen), Agar Brugiavini (Ca' Foscari University, Venice), Luigi Ferrucci (National Institute on Aging)

Optimizing Prevention of hospital-acquired disability through Integrated Multidomain interventions: the Age-IT project

Chukwuma Okoye, Maria Cristina Ferrara (University of Milano-Bicocca)

Wednesday 22/05/2024

Day 3
Session 1 E

Room 10 A

9.00 - 10.30 Ageing & Intergenerational sustainability

Chair: **Valeria Bellini**

Earning ability and workers' ageing

Lorenzo Cappellari (Catholic University of Sacred Heart)

Seniors' preferences on supporting intergenerational sustainability. Evidence from Italian Baby-Boomers

Andrea Antonini, Alessandro Rosina, Francesca Luppi, Emiliano Sironi (Catholic University of Sacred Heart)

Elderly age as a value and as a limit in parent-child relationships

Linda Canuto (Ca' Foscari University, Venice)

Living in the Italian Inner Areas: the support network of childless older people. Evidence from survey data 1998, 2003, 2003 and 2016

Eleonora Meli (ISTAT), Cecilia Tomassini (University of Molise), Marco Albertini (University of Bologna)

Characterising Life-Cycle Dynamics of Annual Days of Work, Wages, and Cross-Covariances

Koray Aktas (Ca' Foscari University, Venice)

9.00 - 10.30 Policy issues

Chair: **Laura Formenti**

Aligning policies and strategies on active and healthy ageing to make countries resilient to the demographic transition: a survey of the directions of European International Agencies

Fabrizio Faggiano, Silvia Caristia (University of Eastern Piedmont)

Promoting regional policies for informal carers of older people in Italy: an example of participatory approach based on research and stakeholder engagement

Federico Sofritti (INRCA - IRCCS), Cristina Calvi (INRCA - IRCCS; University of Eastern Piedmont), Giovanni Lamura, Georgia Casanova (IRCCS - INRCA)

Silver Awareness Sustainability: Towards the Construction of a Checklist for Sustainable Development in an Aging Society

Piermarco Aroldi, Simone Carlo, Sara Nanetti, Francesco Diodati (Catholic University of the Sacred Heart)

European Policies for Supporting Caregivers of Older Adults with Long Term Care Needs: A Mixed-Methods Systematic Review

Eva Bei, Federico Toth, Marco Albertini (University of Bologna)

How to ageing well in a fragmented National Health System? An analysis of the regional legislation on active ageing in Italy

Michele Marzulli, Michele Bertani, Stefano Campostrini (Ca' Foscari University, Venice)

Wednesday 22/05/2024

Day 3
Session 2 A

Room 9 A

11.00 - 12.15 CVD in the ageing population

Chair: **Fabiola Olivieri**

A blood molecular signature to identify the progressive stenosis of carotid artery in old patients: a pilot study on asymptomatic and symptomatic inpatients

Miriam Capri (University of Bologna), Sara Fronterre (IRCCS Azienda Ospedaliero-Universitaria, Bologna), Salvatore Collura, Enrico Giampieri, Sara Carrino (University of Bologna), Francesca Maria Feroldi (IRCCS Azienda Ospedaliero-Universitaria, Bologna), Erika Ciurca (University of Bologna), Fabiola Olivieri (Polytecnic University of Marche; IRCCS INRCA), Ines Ullo, Rodolfo Pini, Andrea Vacirca (IRCCS Azienda Ospedaliero-Universitaria, Bologna), Annalisa Astolfi (University of Bologna; IRCCS Azienda Ospedaliero-Universitaria di Bologna), Francesco Vasuri, Gaetano La Manna (IRCCS Azienda Ospedaliero-Universitaria, Bologna), Gianandrea Pasquinelli (University of Bologna; IRCCS Azienda Ospedaliero-Universitaria, Bologna), Mauro Gargiulo (IRCCS Azienda Ospedaliero-Universitaria, Bologna)

Increased plasma cfDNA levels associated with higher risk of death in geriatric cardiovascular patients

Maurizio Cardelli, Francesca Marchegiani, Pierpaolo Stripoli, Francesco Piacenza, Rina Recchioni, Mirko Di Rosa, Robertina Giacconi, Marco Malavolta, Roberta Galeazzi (IRCCS INRCA, Ancona), Beatrice Arosio (Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan; University of Milan), Fiammetta Cafarelli (IRCCS INRCA, Ancona), Francesco Spannella (IRCCS INRCA, Ancona; Polytecnic University of Marche), Antonio Domenico Procopio, Antonio Cherubini, Fabrizia Lattanzio (IRCCS INRCA, Ancona), Fabiola Olivieri (IRCCS INRCA, Ancona; Polytecnic University of Marche)

The Effects Of Direct Oral Anticoagulants And Vitamin K Antagonists On The Serum Profiles Of Elderly Atrial Fibrillation Patients

Alessia Vignoli, Leonardo Tenori, Anna Maria Gori, Betti Giusti, Rossella Marcucci, Anna Poggese (University of Florence)

Stroke in aging and the role of neutrophils

Marco Bacigaluppi, Giorgia Serena Gullotta, Manuel Montano (Vita-Salute San Raffaele University)

11.00 - 12.15 **Prevention**

Chair: **Pietro Siciliano**

The Analysis of Digital Biomarkers for Predicting Mild Cognitive Impairment through a Virtual Waiting Room

Stefano De Gaspari, Irene Alice Chicchi Giglioli, Daniele di Lernia (Catholic University of the Sacred Heart), Daniele Spoladore, Marco Sacco (National Research Council of Italy, Institute of Intelligent Industrial Technologies and Systems for Advanced Manufacturing), Marta Mondellini (Catholic University of the Sacred Heart), Elena Bellini, Nicoletta Setola (University of Florence), Giuseppe Riva (Catholic University of the Sacred Heart)

Sensors integration in microphysiological systems and AI-enabled high-content strategies: towards a digital twin for preclinical studies

Elisa Sciurti, Alessandra Calogiuri, Daniele Bellisario, Vanessa Esposito, Chiara De Pascali, Laura Blasi, Pietro Siciliano, Luca Francioso (Institute for Microelectronics and Microsystems (CNR-IMM))

Comprehensive Gait Analysis Using an Ensemble of Wearable Sensors

Filippo Palumbo, Davide La Rosa, Dario Ghezzi, Paolo Barsocchi (ISTI CNR)

Multimodal systems for the characterization of neurophysiological correlates during cognitive and emotional tasks

Lorenzo Frassinetti, Pietro Tarchi (University of Florence)

Wednesday 22/05/2024

Day 3
Session 2 C

Room 10 B

11.00 - 12.15 **Epigenetics of ageing**

Chair: **Giuseppe Passarino**

The contribution of telomere biology to aging

Fabrizio d'Adda di Fagnana (CNR)

Methylome analysis of adipose precursor cells (APC) of First-degree relatives (FDR) of type 2 diabetics (T2D) subjects

Antonietta Liotti (IEOS/CNR), Antonella Desiderio, Rosa Spinelli, Gregory Alexander Raciti, Francesco Beguinot (DISMET, Federico II University of Naples, URT Genomics of Diabetes, IEOS/CNR), Claudia Miele (URT Genomics of Diabetes, IEOS/CNR), Veronica De Rosa (IEOS/CNR)

The Ying Yang of retrotransposons: from junk to RNA tools for anti-aging and tissue regeneration

Valerio Orlando (King Abdullah University of Science and Technology KAUST)

A Targeted Epigenetic Model for Biological Age Estimation

Giuseppe Passarino, Beatrice Maria Greco, Teresa Serra Cassano, Mirella Aurora Aceto, Davide Lagrotteria, Silvana Geracitano, Ersilia Paparazzo, Alberto Montesanto (University of Calabria)

11.00 - 12.15 **Data and methods for ageing research**

Chair: **Cinzia Castagnaro**

The determinants of health expenditure: A machine learning approach

Nicola Caravaggio, Giuliano Resce (University of Molise), Raffaele Lagravinese (University of Bari Aldo Moro)

Benchmarking Generative Models for Synthetic Demographic Data Generation

*Fabio Mercurio, Mario Mezzanzanica, **Navid Nobani** (University of Milano-Bicocca)*

Topic modelling of health public plans via reduced latent space clustering

Lorenzo Schiavon (Ca' Foscari University of Venice)

The role of Family and Community Nurse in Europe: An International SURVEy (SURVEIFEC)

Erika Bassi (University of Eastern Piedmont), Angela Durante (uscany Foundation "G. Monasterio", Pisa), Isabella Santomauro, Erica Busca, Ines Basso, Silvia Caristia, Alberto Dal Molin (University of Eastern Piedmont)

Wednesday 22/05/2024

Day 3
Session 2 E

Room 5 A

11.00 - 12.15 **Creating supportive environments for an active and healthy ageing**

Chair: **Giovanni Lamura**

Young people with foreign background: a description through the sample surveys carried out by Istat

Cinzia Conti (ISTAT), Salvatore Strozza (University of Naples), Marco Rizzo (ISTAT)

Housing and residential mobility along the ageing process in Italy

Micol Bronzini (Polytecnic University of Marche; University of Florence), Tiziana Nazio (University of Torino; University of Eastern Piedmont), Giovanna De Santis (University of Eastern Piedmont)

Older people and the right to quality housing. The co-housing strategy for countering relational poverty

Letizia Carrera (University of Bari "Aldo Moro")

Ageing and urbanization: investigating different "aging in place" models in the city as an opportunity to empower individuals' healthy longevity

Stefania Butti, Emanuele Garda, Maria Gattuso, Inaihá Laureano Benincá, Francesca Morganti (University of Bergamo)

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