

Bold ideas. Big systems. **One health**



20-23
MAY
2026

Sciences
for Longevity

Centro Congressi "Allianz MiCo"

Sciences For Longevity

Human longevity is no longer a distant aspiration, it is becoming a scientific frontier we can actively explore, understand, and shape. Recent advances in the biology of aging, regenerative medicine, and translational science are redefining what it means to live longer and, more importantly, to live healthier.

The third edition of the Milan Longevity Summit stands at the crossroads of this transformation. It brings together the world's leading thinkers and pioneers in longevity science to challenge existing paradigms, share breakthrough discoveries, and envision the future of human healthspan. **The Summit spans the full arc of aging research**, from population demography and fundamental mechanisms of aging to biomarkers, organ- and tissue-specific decline, and emerging interventions designed to extend healthy life.

At the heart of the program is a bold exploration of what is now possible, highlighted by a keynote lecture from **Nobel Laureate Thomas Sudhof** on the use of induced pluripotent stem cells to model aging, disease, and neural plasticity, offering a glimpse into how we may one day understand, prevent, and even reverse aspects of aging itself.

The conversation then moves **beyond the laboratory and into the clinic**. Leaders in longevity medicine will address how today's scientific insights can be responsibly translated into real-world medical practice, shaping a new era of preventive, personalized, and systems-based care.

"Our mission is ambitious and inclusive: to accelerate the progress of longevity science and medicine, and to ensure that the knowledge and tools to extend healthspan are accessible to all, not as privilege, but as a shared human opportunity."

Alberto Beretta

MD PhD immunologist

President of SoLongevity Foundation



Alberto Beretta, MD, PhD
Chair of the Scientific Advisory Committee

Maria Pia Abbraccio
Co-Chair of the Scientific Advisory Committee

Physician-scientist and immunologist with extensive experience in translational biomedical research. After earning his medical degree and completing a PhD in immunology at the Karolinska Institute, he joined the Pasteur Institute in Paris, where he contributed to pioneering research on HIV infection. He later led a research unit at San Raffaele Hospital in Milan, focusing on immune defense, chronic infection, and aging. His work now centers on immune aging and its implications for healthspan and longevity. He is currently President of the SoLongevity Foundation.

Professor of precision pharmacology at the University of Milan, where she served as a Deputy Rector and Vice Rector Research and Innovation from 2018 to 2024. She has been trained at the Medical School, University of Texas at Houston and later at the Department of Anatomy, University College London, UK. She currently works on neuro-regenerative therapies for the aged brain and CNS diseases such as stroke, MS and ALS. She has authored/coauthored more than 250 scientific publications, 12 patents and several books on women in science. Her papers have been cited more than 18,000 times. She is member (by invitation) of the Top Italian Women Scientists (TIWS) of Fondazione Onda. Nominated Highly Cited Scientist in 2009, in 2014 President Giorgio Napolitano appointed her as Commander of the Order of Merit of the Italian Republic for scientific merits.

Scientific Advisory Committee of the Milan Longevity Summit



Alberto Beretta
Chair



Maria Pia Abbraccio
Co-Chair



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Vita e Salute San
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- Milano, Italy



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Diabetes Research
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USA



Antonella Santuccione Chada
Women's Brain
Foundation -
Zurich, Switzerland



Vittorio Sebastiano
University of
California - Los
Angeles, USA

Keynote Speakers



Thomas Südhof

Thomas Südhof won the 2013 Nobel Prize in Physiology or Medicine, shared with James E. Rothman and Randy W. Schekman, for their discoveries of the machinery regulating vesicle traffic, a crucial cellular transport system, specifically for how nerve cells communicate and how brain cells transmit signals. He is currently one of the seven external members of the United Nations Scientific Advisory Board.



Andrea Maier

Andrea B. Maier is a researcher in the field of geroscience (almost 400 peer-reviewed articles) and her ageing research focuses on age-related diseases, cellular senescence and the translation of results into clinical practice. She is Co-Founder of Chi Longevity, a global centre of excellence for longevity and holds professorship appointments at VU University Medical Centre, Amsterdam, Netherlands and University of Melbourne, Australia.



Jay Olshansky

S. Jay Olshansky is a Professor in the School of Public Health at the University of Illinois at Chicago, co-founder/chief scientist at Lapetus Solutions Inc. and Board member of the American Federation of Aging Research (AFAR). The focus of his research is on estimates of the upper limits to human longevity, exploring the health and public policy implications associated with individual and population aging. Dr. Olshansky's recent work is focused on linking the scientific study of aging with investments in longevity and mortality related products.



Guido Kroemer

Guido Kroemer is currently Professor at the Faculty of Medicine of the University of Paris-Cité, Director of the research team “Metabolism, Cancer and Immunity” of the French Medical Research Council (INSERM), Director of the Metabolomics and Cell Biology platforms of the Gustave Roussy Comprehensive Cancer Center, and Hospital Practitioner at the Hôpital Européen George Pompidou, Paris, France. With an h-index of 303, he is the worldwide most cited researcher in Biology and Biochemistry.

Keynote Speakers



Pierre Magistretti

Pierre J. Magistretti graduated in Medicine from the University of Geneva (1979) and earned a PhD in Biology from UCSD (1982). He served as Dean at KAUST from 2012 to 2020. His research uncovered key mechanisms linking neuronal activity and energy metabolism, highlighting the role of astrocytes in plasticity, memory, and neuroprotection, with implications for Alzheimer's disease.



Camillo Ricordi

Camillo Ricordi, MD, FNAI, is Director of the Cell Transplant and Regenerative Medicine Center at the University of Miami Diabetes Research Institute. A leader in diabetes cure research and regenerative medicine, he pioneered large-scale pancreatic islet isolation and performed the first successful islet allotransplants. His work also focuses on immune tolerance, healthspan, and regenerative therapies for age-related diseases. He has authored 1,250+ publications, holds 28 patents, and received over 100 awards.



Uri Alon

Uri Alon is Professor of Molecular Cell Biology at the Weizmann Institute of Science and Director of the Sagol Institute for Longevity Research. A pioneer in systems biology, he introduced network motifs and key design principles of biological circuits, with contributions to aging and endocrine systems. He has published 200+ papers in leading journals and authored influential textbooks, and is a member of the Israel National Academy of Sciences.



Simone Bianco

Simone Bianco is Vice President of Hybrid AI and Physics-Based Modeling at Altos Labs Institute of Computation. An expert in computational design of biological systems, he has contributed to vaccines, antivirals, antimicrobials, and immunotherapies, and holds patents in synthetic biology. He is founding PI of the NSF Center for Cellular Construction and a recognized speaker and award-winning researcher in dynamical systems.

Agenda

WEDNESDAY

MAY 20

STAGE LONGEVITY 1

10.30-13.00

Longevity and Demographics:
Rethinking Ageing Societies

14.30-18.30

Measuring Ageing: Biomarkers,
Clocks, and Predictive Tools

STAGE HUMANITY

17.30-18.30

Reimagining Universities
in an Age of Rapid Change

THURSDAY

MAY 21

STAGE LONGEVITY 1

09.30-13.30

Decoding the Biology of Ageing

14.30-16.15

Brain Health and Ageing: From Risk to
Resilience

16.15-18.00

The Immune System Across the
Lifespan: Decline, Adaptation, and
Longevity

STAGE LONGEVITY 2

09.30-11.30

Metabolic Therapies and Longevity:
Beyond Disease Management

14.30-16.30

Cardiopulmonary Health: A Lifespan
Perspective

16.30-18.00

Skin Ageing: Biology, Biomarkers, and
Innovation

Agenda

FRIDAY
MAY 22

STAGE LONGEVITY 1

09.30-12.45

iPSCs in Ageing and Disease: From Models to Medicine

14.00-16.00

Targeting Ageing: Emerging Therapeutic Strategies

16.30-18.00

Building Europe's Biomedical Research Infrastructure

STAGE LONGEVITY 2

11.00-12.00

Exercise and Longevity: Optimizing Health Across the Lifespan

13.45-15.45

Regenerative Medicine: Translating Science into Care

15.45-16.45

The Gender Gap in Longevity: Science, Society and the Future of Health

16.45-19.00

Emerging Technologies Shaping Longevity

SATURDAY
MAY 23

STAGE LONGEVITY 1

09.30-12.00

Nutrition and Nutraceuticals for Healthy Aging

12.00-12.45

Keynote: The Healthspan Revolution: How AI and predictive diagnostics can prevent people from becoming patients

13.00-13.45

Lessons from the World of Longevity Science

14.00-16.00

Longevity Clinics: Global Models of Preventive Medicine

STAGE VITALITY

09.30-11.00

Longevity begins Early: Shaping Lifelong Health

11.00-13.00

The Rise of Longevity Medicine: The Physician's Role

14.00-16.00

AI and the Future of Longevity Science and Medicine

Program

WEDNESDAY

MAY 20

STAGE LONGEVITY 1

10.30-13.00 LONGEVITY AND DEMOGRAPHICS: RETHINKING AGEING SOCIETIES

CHAIR: **Francesco Billari** – Bocconi University - Milan, Italy

Keynote: **Jay Olshansky** – University of Illinois - Chicago, USA
Life extension in the XI century

SPEAKERS:

- **Jennifer Beam Dowd** – University of Oxford, UK
Progress stalled? The uncertain future of life Expectancy in high-income countries
- **Diego Ramiro Farinas** – Spanish National Research Council - Madrid, Spain
Sociodemographic and health inequalities and their effect on life expectancy
- **Daniele Vignoli** – University of Florence, Italy
Positive demography: reframing the debate on population ageing

Panel discussion

Keynote: **Pierre Magistretti** - King Abdullah University of Science and Technology (KAUST) - Saudi Arabia
Brain Health and Aging:
A key role of glial cells and neuroenergetics

14.30-18.30 MEASURING AGEING: BIOMARKERS, CLOCKS, AND PREDICTIVE TOOLS

CHAIR: **Claudio Franceschi** – University of Bologna, Italy

SPEAKERS:

- **Claudio Franceschi** - University of Bologna, Italy
Age clocks: state of the art
- **Steve Horvath** - University of California Los Angeles, USA
From clocks to care: epigenetics in precision medicine
- **David Furman** - Buck Institute - San Francisco, USA
Epigenetic clock of intrinsic capacity
- **Roland Eils** - Center of Digital Health at Berlin Institute of Health at Charité, Germany
AI for longevity: Predicting ageing related outcomes in population scale cohorts
- **Davide Cacchiarelli** – Institute Telethon of Genetics and Medicine (TIGEM)- Rome, Italy
Population genomic screening: intercepting tumors and cardiovascular diseases before symptoms

- **Austin Argentieri** - Broad Institute - Boston, USA
Developing robust aging biomarkers via proteomics and genomics: perspectives from large human studies
- **Emanuele Di Angelantonio** – Human Technopole - Milan, Italy
Cardiovascular risk prediction algorithms
- **Paolo Garagnani** - University of Bologna, Italy
Natural selection signatures of semi-supercentenarians genomes reconcile hallmark pathways of preclinical models of aging with human longevity

Panel discussion

Keynote: **Andrea Maier** - National University of Singapore (NUS)
Digital biomarkers of aging

STAGE HUMANITY

17.30-18.30 REIMAGINING UNIVERSITIES IN AN AGE OF RAPID CHANGE

- **Flavia D'Amelio** – Vita-Salute San Raffaele University - Milan, Italy
- **Giovanna Iannantuoni** – Bicocca University - Milan, Italy
- **Elio Franzini** – University of Milan - Italy

Panel discussion

THURSDAY

21 MAY

STAGE LONGEVITY 1

9.30-13.30 DECODING THE BIOLOGY OF AGEING

CHAIR: **Guido Kroemer** – Gustave Roussy Comprehensive Cancer Center - Paris, France

Keynote: **Guido Kroemer**
New facets of aging

SPEAKERS:

- **Rosario Rizzuto** - University of Padua, Italy
Mitochondria and longevity
- **Daniel Andergassen** - Technical University of Munich, Germany
Stability of the inactive X chromosome across the lifespan and its implications for sex-biased disease
- **Fabrizio d'Adda di Fagagna** – IFOM (the AIRC Institute of Molecular Oncology) & IGM-CNR
Telomere biology in aging and disease
- **Angelo Poletti** – University of Milan, Italy
Autophagy as a defense mechanism against proteotoxicity in motor neuron disease
- **Marco Sandri** - University of Padua, Italy
Autophagy regulation by the gene MyoD
- **Valerio Orlando** – King Abdullah University of Science and Technology (KAUST) - Saudi Arabia
New but old RNAs at the crossroad between healthspan, aging and disease
- **Weixu Wang** - Helmholtz Center - Munich, Germany
Transcriptome-based human universal senescence index
- **Andrea Cossarizza** – University of Modena and Reggio Emilia - Italy
Markers of immune senescence

Keynote: **Uri Alon** - Weizmann Institute of Science, Israel
Heritability of lifespan is higher than we thought

Panel discussion

14.30-16.15 BRAIN HEALTH AND AGEING: FROM RISK TO RESILIENCE

CHAIR: **Daniela Perani** - Vita-Salute San Raffaele University - Milan, Italy
CO-CHAIR: **Massimo Filippi** - Vita-Salute San Raffaele University - Milan, Italy

SPEAKERS:

- **Giovanni Frisoni** – University of Geneva, Switzerland
Cognitive trajectories in healthy and pathological aging
- **Gael Chetelat** – INSERM - Caen, France
Optimizing brain aging: reducing risk, strengthening resilience
- **Emrah Duezel** – Otto-von-Guericke University - Magdeburg, Germany
Alzheimer's detection in individuals who feel healthy
- **Stefano Cappa** – IRCCS Istituto Auxologico Italiano - Milan, Italy
The multiple facets of memory decline
- **Federica Agosta** - Vita-Salute San Raffaele University - Milan, Italy

Panel Discussion

16.15-18.00 THE IMMUNE SYSTEM ACROSS THE LIFESPAN:
DECLINE, ADAPTATION, AND LONGEVITY

CHAIR: **Alberto Beretta** – SoLongevity Foundation - Milan, Italy

SPEAKERS:

- **Sunil Ahuja** - University of Texas at San Antonio, USA
Immune resilience as a key driver of healthspan
- **Gordan Lauc** - Glycanage – Newcastle, UK
Glycan biomarkers as a tool to monitor and improve resilience
- **Mario Clerici** – University of Milan, Italy
Aging of the immune system and sarcopenia
- **Alejandro Lucia** – European University of Madrid (UEM), Spain
Physical exercise and anti-cancer immunity
- **Alessio Lanna** - University College London, UK
Unprecedented systemic rejuvenation by the immune system

Panel Discussion

THURSDAY

21 MAY

STAGE LONGEVITY 2

9.30-11.30 METABOLIC THERAPIES AND LONGEVITY:
BEYOND DISEASE MANAGEMENT

CHAIR: **Paolo Fiorina** – University of Milan, Italy
CO-CHAIR: **Maria Pia Abbraccio** – University of Milan, Italy

SPEAKERS:

- **Roberto Trevisan** - Bicocca University - Milan, Italy
Sglt2 inhibitors
- **Angelo Avogaro** - University of Padua, Italy
GLP-1 R agonists
- **Francesco Giorgino** - University of Bari, Italy
Dual GLP-1R/GIP-R agonists
- **Giuseppe Musumeci** - Ordine Mauriziano Hospital - Turin, Italy
Cardiovascular outcomes
- **Paolo Fiorina** - University of Milan, Italy
Anti-inflammatory effects of GLP-1R agonists

Summing up: **Paolo Fiorina & Maria Pia Abbraccio**

14.30-16.30 CARDIOPULMONARY HEALTH: A LIFESPAN PERSPECTIVE

CHAIR: **Stefano Carugo** – University of Milan, Italy

SPEAKERS:

- **Peter Lansberg** - University Medical Center - Groningen, Netherlands
Early detection of genetically determined cardiovascular risk
- **Ivan Pećin** - University of Zagreb, Croatia
Dyslipidemias and longevity
- **Arrigo Cicero** – University of Bologna, Italy
Emerging cardiovascular risk factors impacting on longevity
- **Francesco Blasi** – University of Milan, Italy
The aging lung: microenvironment, mechanisms, and diseases

Panel discussion

16.30-18.00 SKIN AGEING: BIOLOGY, BIOMARKERS AND INNOVATION

CHAIR: **Silvia Alberti Violetti** - University of Milan, Italy

SPEAKERS:

- **Stefania Guida** – Vita-Salute San Raffaele University - Milan, Italy
Genetic markers of skin aging
- **David Furman** - Buck Institute for Research on Aging - Novato, USA
Epigenetic markers of skin aging
- **Iria Medrano Martinez** - University Carlos III de Madrid, Spain
Towards constructing a physiologically stratified skin model for deciphering aging and rejuvenation
- **Roberto Sitia** – Vita - Salute San Raffaele University - Milan, Italy
Biology of aquaporins

Panel discussion

FRIDAY
22 MAY

STAGE LONGEVITY 1

9.30-12.45 iPSCS IN AGEING AND DISEASE: FROM MODELS TO MEDICINE

CHAIR: **Vittorio Sebastiano** - Stanford University - California, USA

CO-CHAIR: **Tiziana Borsello** - University of Milan, Italy

Keynote: **Thomas Sudhof** (*Nobel Laureate*) - Stanford University - California, USA
How to use iPSCs to model aging, diseases, and neural plasticity

SPEAKERS:

- **Mark Kotter** – Cambridge University, UK
Age clocks today
- **Rusty Gage** - Salk Institute - La Jolla, USA
Aging of neurons and iPSC derived neurons/transdifferentiation
- **Hiro Nakauchi** - Stanford University - California, USA
Organs from hiPSCs
- **Gianvito Martino** – Vita-Salute San Raffaele University - Milan, Italy
Neuronal stem cells in neurodegenerative disorders

14.00-16.00 TARGETING AGEING: EMERGING THERAPEUTIC STRATEGIES

CHAIR: **Maria Pia Abbraccio** – University of Milan, Italy

SPEAKERS:

- **Maria Pia Abbraccio**
Drug repurposing today
- **Rossella Nappi** – University of Pavia, Italy
Hormonal replacement therapies in women
- **Marco Quarta** - Rubedo Lifesciences - California, USA
Senolitics: an update
- **Paola Panina** - Vita - Salute San Raffaele University - Milan, Italy
Pipeline-driven identification of drug candidate for neuroprotection
- **Maddalena Adorno** - Dorian Therapeutics
Modulation of an epigenetic regulator for the treatment of age-related diseases

16.30-18.00 BUILDING EUROPE'S BIOMEDICAL RESEARCH INFRASTRUCTURE

CHAIR: **Maria Pia Abbraccio** – University of Milan, Italy

CO-CHAIRS: **Masimo Florio & Adriana Maggi** - University of Milan, Italy

SPEAKERS:

- **Els Torreale** - Public Pharma for Europe Coalition
- **Giuseppe Remuzzi** - Mario Negri Institute for Pharmacological Research
Milan, Italy
- **Jacques Demotes** - European Clinical Research Infrastructure Network
- **Massimo Florio** - University of Milan and CSIL, Italy

Summing up: **Adriana Maggi & Massimo Florio**

11.00-12.00 **EXERCISE AND LONGEVITY: OPTIMIZING HEALTH ACROSS THE LIFESPAN**

CHAIR: **Francesco Landi** – Gemelli University Hospital - Rome, Italy

SPEAKERS:

- **Silvano Zanuso** – Wellness Foundation and Edith Cowan University - Perth, Australia
Marginal Gains Vs Longevity Pillars
- **Riccardo Calvani** – Catholic University of Sacred Heart – Rome, Italy
Sarcopenia and healthy aging: capturing what counts in muscle failure
- **Matteo Tosato** - Gemelli Hospital – Rome, Italy
Emerging targets for treatment of sarcopenia

Panel discussion

13.45 -15.45 **REGENERATIVE MEDICINE: TRANSLATING SCIENCE INTO CARE**

CHAIR: **Eugenio Caradonna** – CDI - Centro Diagnostico Italiano - Milan, Italy

SPEAKERS:

- **Giulio Pompilio** - Monzino Cardiology Institute - Milan, Italy
Human iPSC-derived cardiac stromal cells cardiac-derived mesenchymal cells for unmet cardiovascular needs
- **Laura Mangiavini** – IRCCS Galeazzi - Milan, Italy
Mesenchymal stem cells in knee osteoarthritis
- **Fulvio Ferrara** – IRCCS Auxologico - Milan, Italy
Blood markers of stem cells exhaustion
- **Andrea Cusano** - University of Sannio - Benevento, Italy
Photobiomodulation: mechanisms, targets and therapeutic synergies
- **Giorgio Maria Calori** - Columbus Clinical Institute - Milan, Italy
Treatment algorithm: tailoring the approach to the patient at risk in orthotraumatology
- **Carlo Tremolada** - Image Regenerative Clinic - Milan, Italy
Microfragmented human fat tissue for large scale production

15.45 -16.45 THE GENDER GAP IN LONGEVITY: SCIENCE, SOCIETY AND THE FUTURE OF HEALTH

CHAIR: **Antonella Santuccione Chadha** – Women’s Brain Foundation

- **Anna Erat** - Physician and longevity expert
- **Lars Hartenstein** – McKinsey & Company
- **Roberta Gualtierotti** – University of Milan
- **Jan Schadrack** - Roche Global
- **Diana Saraceni** - Panakes, Italy

16.45 - 19.00 EMERGING TECHNOLOGIES SHAPING LONGEVITY

CHAIR: **Marta Fumagalli** - University of Milan,Italy

SPEAKERS:

- **Matteo Cerboneschi** - Personalife, Italy
Estrogens in menopause: from the genome to the metabolome
- **Livio Luzi** - Multimedita, Milan, Italy
Neuromodulation to treat obesity and diabetes
- **Paolo Capodaglio** - University of Milan and IRCCS Auxologico, Italy
New evidences in the clinical use of Whole-Body Cryostimulation
- **Ennio Tasciotti** - IRCCS San Raffaele - Rome, Italy
Biomimetic nanomaterials to guide body healing
- **Dora Lalic** - Glycanage, UK
Glycans as biomarkers for personalized health tracking
- **Lucy Costantino** - CDI - Centro Diagnostico Italiano - Milan, Italy
Epigenetic Regulation of Aging
- **Valeria Ricotti** - Vesalic Ltd, London, UK
Redefining ALS and neurodegenerative diseases: from system biology to transformative therapeutics
- **Elisabetta Burchi** - Parasym Ltd, Italy
Autonomic regulation through a neuromodulatory approach to improve overall resilience”
- **Andrea Castagnetti** - Wellmicro, Italy
Artificial intelligence and the microbiome: emerging frontiers in longevity medicine

9.30-12.00 NUTRITION AND NUTRACEUTICALS FOR HEALTHY AGING

CHAIR: **Hellas Cena** – University of Pavia, Italy
CO-CHAIR: **Paola Minghetti** - University of Milan, Italy

SPEAKERS:

- **Hans Konrad Biesalski** - University of Hohenheim - Stuttgart, Germany
Is longevity part of human evolution?
- **Maria Rescigno** – IRCCS Humanitas - Milan, Italy
Intestinal barrier permeability, the microbiota and aging
- **Michele Carruba** - University of Milan, Italy
Amino acids and adaptive thermogenesis
- **Patrizia Riso** – University of Milan, Italy
Animal versus plant proteins
- **Pier Giorgio Natali** - Mediterranean Task Force for Cancer Control - Rome, Italy
Biofortified functional foods in chronic diseases of aging
- **Johanna Gorol** - Frankfurt Cancer Institute, Germany
Enhancing immune cell health through urolithin A-induced mitophagy
- **Giovanni Fiorito** - IRCCS Gaslini – Genova, Italy
Caloric restriction and biological aging: mechanisms, reversibility and multi-omic insights

Panel discussion

12.00-12.45

Keynote: **Camillo Ricordi** – University of Miami Diabetes Research Institute

The Healthspan Revolution: How AI and predictive diagnostics can prevent people from becoming patients

13.00-13.45 LESSONS FROM THE WORLD OF LONGEVITY SCIENCE

- **Alberto Beretta**
- **Filippo Ongaro**
- **Emanuela Notari**

14.00-16.00 LONGEVITY CLINICS: GLOBAL MODELS OF PREVENTIVE MEDICINE

Session 1

CHAIR: **Tina Woods** – International Institute of Longevity
 SPEAKERS: **William Capp** - Fountain Life - New York, USA
Joanna Benz - Longevity Center - Zurich, Switzerland
Javier Ramirez - Clínica Neleva - Madrid, Spain

Session 2

CHAIR: **Alessia Catania** - Besta Neurologic Institute - Milan, Italy

SPEAKERS: **George Gaitanos** - Chenot, Switzerland
Alberto Cerasari - SoLongevity - Milan, Italy
Massimo Gualerzi - Longevity Suite
David Della Morte Canosci - University Hospital Policlinico Tor Vergata, Rome, Italy
 Re-thinking longevity in an aging world

SATURDAY
23 MAY

9.30-11.00 LONGEVITY BEGINS EARLY: SHAPING LIFELONG HEALTH

CHAIR: **Giuseppe Banderali** - Saint Paul and Charles Hospitals - Milan, Italy

SPEAKERS:

- **Monica Miozzo** - University of Milan, Italy
Prenatal and natal tests: for better life outcome
- **Giuseppe Banderali** – Saint Paul and Charles Hospitals - Milan, Italy
Importance of pediatric epigenetic aspects: genes are not your destiny
- **Chiara Bertolaso** – Saint Paul aHospital - Milan, Italy
How can pediatric global health impact longevity?

11.00-13.00 THE RISE OF LONGEVITY MEDICINE: THE PHYSICIAN'S ROLE

CHAIR: **Anna Erat** – University of St Gallen, Switzerland

SPEAKERS:

- **Filippo Ongaro** - Ongaro Horizon SAGL
- **Nirusha Kumaran** - Founders Health, UK
- **Gooneratne Mayoni** - Human Health, UK
- **Antonella Santucci Chadha** – Women's Brain Foundatio

14.00-16.00

AI AND THE FUTURE OF LONGEVITY SCIENCE AND MEDICINE

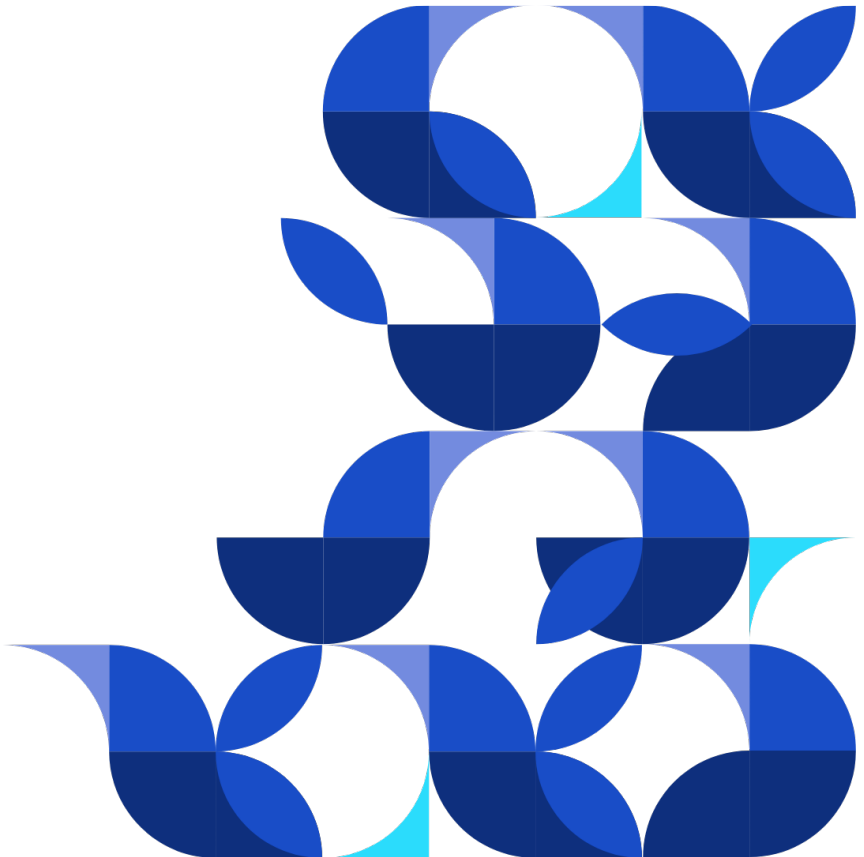
CHAIR: **Isabella Castiglioni** – Bicocca University - Milan, Italy

CO-CHAIR: **Maria Pia Abbraccio** - University of Milan, Italy

SPEAKERS:

- **Ernesto Damiani** - University of Milan, Italy
LLM (Large Language Model) stratification for therapeutic efficacy in age-related diseases
- **Mirella Mastretti** - T4R Fondazione Triulza Founder
Trusting AI with human longevity: beyond data, towards responsibility
- **Marco Ali** - Italian Diagnostic Center (CDI) - Milan, Italy
Transforming longevity medicine through large language models

Keynote: **Simone Bianco** - Computation Altos Lab, California, USA
From molecules to virtual cells: the AI-driven future of longevity



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