



 **VATICAN  
LONGEVITY  
SUMMIT**  
*SECOND EDITION*

**REDESIGNING THE  
ALGORITHM OF TIME**

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**ROME - MAY 25-26, 2026**

# SCIENTIFIC PROGRAM

**Monday, May 25, 2026**

***Afternoon – Academic opening***

**Time**

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***Welcome and registration of participants***

**3:30 PM**

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***Official opening session***

**4:00 PM**

Presents and moderates: **Carola Salvato**

***Institutional greetings***

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***Introduction to the proceedings***

**4:30-5:30 PM**

**Vittorio A. Sironi (University of Milan Bicocca)**

*The historical and scientific rediscovery of old age: from gerontology to gerontoscience*

**Calogero Caruso (University of Palermo)**

*A Life Beyond Time: Insights from Semi- and Supercentenarians*

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***Session I***

**5:30-7:00 PM**

***Longevity: a new scientific frontier***

**Alberto Beretta (SoLongevity) – Introduction**

***Lectio. Suresh Rattan (Aarhus University, Denmark)***

*Biogerontology's hormetic path to healthy longevity and beyond*

**Guido Kroemer (Gustave Roussy Cancer Campus, Paris)**

*Aging and cancer: common mechanisms*

**Francesco Billari (Bocconi University, Milan)**

*The longevity revolution and hyperdiversity*

**Bernd Kleine-Gunk (German Society for Preventive and Anti-Aging Medicine)**

*The Hormesis Principle - Why Stress can be beneficial for your Longevity*

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***Official welcome dinner***

**7:30 PM**

Tuesday, May 26, 2026

Scientific, artistic, and ethical day

Time

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**Session II**

9:00-11:00 AM

**Brain, neuroscience, and aging**

**Lectio. Thomas C. Südhof (Nobel Prize in Medicine, Stanford University)**

*Towards understanding Alzheimer's disease: from genes to therapies*

**Richard Marshall (Juvenescence)**

*Ten Years of Extra Healthy Life*

**Fred H. Gage (Salk Institute)**

Metabolism, chronic inflammation and genome instability as drivers of aging and dementia in human neurons

**Matilde Leonardi (Carlo Besta Neurological Institute IRCCS Foundation)**

The challenges of brain health in ageing societies

**Hiroimitsu Nakauchi (Stanford University)**

A New Path to Organ Replacement: In Vivo Generation of Functional Organs from Induced Pluripotent Stem Cells

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**Coffee break**

11:00-11:30 AM

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**Session III**

11:30 AM - 1:00 PM

**Biology of aging and regeneration**

**Lecture. Juan Carlos Izpisua Belmonte (UC San Diego, ALTOS Lab)**

*Reprogramming Aging: Science, Responsibility, and the Future of Healthy Longevity*

**Valerio Orlando (KAUST, Saudi Arabia)**

*How ancient viruses make us live longer*

**Francesco Franceschi (Catholic University of the Sacred Heart, Rome)**

*Effect of diet and lifestyle on Gut microbiota and life expectancy*

**Vittorio Sebastiano (Stanford University)**

*Reproduction as Nature's Blueprint for Renewal: Lessons for Longevity and Equitable Human Healthspan*

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**Lunch break**

**1:00-3:00 PM**

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**Scientific, artistic, and ethical day**

**Time**

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**Session IV**

**3:00-3:30 PM**

**Art, philosophy, and ethics of aging and longevity**

**Maria Grazia Mattei (MEET Digital Culture Center)**

*Digital art as an epigenetic practice*

**Lucia Magnani (Long Life Formula)**

*Can Longevity be made tangible?*

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**Models and Ethics of Aging and Longevity**

**3:30-5:30 PM**

**Maria Pia Abbracchio (University of Milan)**

*Health for All at All Ages: Innovative Therapies for a Better Life*

**Francesco Landi (Catholic University of the Sacred Heart, Rome)**

*Longevity, Equity, and the Intergenerational Pact: Scientific and Ethical Challenges in Ageing Societies*

**Andrea Lavazza (Pegaso University)**

*The Ethics of Added Years: Psychological and Social Challenges*

**Mirko Daniel Garasic (Roma Tre University)**

*Extending life: some ethical considerations*

**Pawel Kordowitzki (Nicolaus Copernicus University, Poland)**

*The ticking biological clock of oocytes: Ethical aspects and implications for an aging society*

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**Final remarks**

**5:30-6:00 PM**

**Alberto Carrara (Pontifical Athenaeum Regina Apostolorum)**

*Longevity 4.0: towards an ethical charter on healthy aging*