



ACCADEMIA NAZIONALE DEI LINCEI

INTERNATIONAL ANTONIO FELTRINELLI CONFERENCE

## **AGEING: from Basic Science to Policy Advice**

Rome, 4 - 6 November 2019

Long-term changes in life expectancy and fertility have converted many countries into ageing societies. Failure to adapt to population ageing may constrain productivity, well-being, financial security, and equity, and may increase tensions between generations as they compete for limited resources. The problems involved and strategies to address these concerns, regarding current as well as future elders, require a multidisciplinary approach. The first International Feltrinelli Conference, supported by the Lincei Academy's Fondo «Antonio Feltrinelli» and by SAPEA (Science Advice for Policy of the European Academies), is dedicated to reviewing and discussing the multifaceted aspects of the ageing process, from basic science to policy advice.

### PROGRAMME

#### **MONDAY, 4 NOVEMBER**

- 9.30 Welcome address by Giorgio PARISI, President of the Accademia Nazionale dei Lincei
- 9.40 Carlo PATRONO (Lincei Fellow, Catholic University, Rome) and Garret FITZGERALD (Lincei Fellow, University of Pennsylvania, Philadelphia), *Introduction*

#### **Session 1 - Basic and Clinical Science of the Ageing Process**

Chairs: Garret FITZGERALD and Alberto MANTOVANI

- 10.00 Claudio FRANCESCHI (University of Bologna), *Inflammageing: chronic inflammation in ageing, cardiovascular disease, and frailty*
- 10.45 Garret FITZGERALD (Lincei Fellow, University of Pennsylvania, Philadelphia), *Circadian clocks and metabolism: implications for microbiome and ageing*
- 11.30 Coffee break
- 11.45 Alberto MANTOVANI (Lincei Fellow, Humanitas University, Milan), *Ageing, inflammation and cancer*
- 12.30 Maurizio BRUNORI (Lincei Fellow, Sapienza University of Rome), *Protein misfolding in neurodegenerative diseases*
- 13.15 Lunch break

- 14.30 Lamberto MAFFEI (Lincoln Fellow, CNR Institute of Neurosciences, Pisa), *Environmental enrichment to enhance brain plasticity: from murine models to man*
- 15.15 Nick VAN BRUGGEN (Calico, San Francisco), *Improving the healthspan: from model systems to human data at scale*
- 16.00 Coffee break
- 16.15 Jan VAN DEURSEN (Mayo Clinic, Rochester, USA), *Cellular senescence in aging and age-related diseases*
- 17.00 Steve HORVATH (UCLA, Los Angeles), *Epigenetics of aging*

## TUESDAY, 5 NOVEMBER

- 9.30 George GRIFFIN (President of FEAM, Brussels - St. George's, University of London), *Welcome and introduction*

### **Session 2 - The SAPEA Evidence Review Report *Transforming the Future of Ageing***

Chairs: Diana KUH and Rose Anne KENNY

*with the contribution of*



Science Advice for Policy by European Academies

- 9.45 Jean-Pierre MICHEL (University of Geneva), *Setting the scene: an introduction to the SAPEA Evidence Review Report Transforming the Future of Ageing*
- 10.15 Diana KUH (University College London), *Health determinants throughout the lifespan*
- 11.00 Coffee break
- 11.15 Liat AYALON (Bar-Ilan University, Ramat-Gan, Israel), *Ageing as an opportunity*
- 12.00 Rose Anne KENNY (Trinity College Dublin), *Age-friendly approach in communities and care facilities*
- 12.45 Lunch break
- 14.00 Carlo PATRONO (Lincoln Fellow, Catholic University, Rome), *Early and mid-life interventions to favour healthy ageing*
- 14.45 Alan GOW (Heriot-Watt University, Edinburgh), *Cognitive decline and sensory abilities*
- 15.30 Jean-Pierre MICHEL (University of Geneva), *Recruiting, educating and sustaining health care workforce in EU*
- 16.15 Coffee break
- 16.30 Richard REILLY (Trinity College Dublin), *Technology to favour healthy ageing and well-being*
- 17.15 Jean-Pierre MICHEL (University of Geneva), *A final assessment of the SAPEA Evidence Review Report Transforming the Future of Ageing and policy options: feasibility and timeliness*

**WEDNESDAY, 6 NOVEMBER**

9.30 Maurizio BRUNORI (Lincei Fellow, Sapienza University of Rome), *Welcome and introduction*

**Session 3 - Challenges and Opportunities for the Ageing Society in Italy**

Chairs: Carlo PATRONO and Jean-Pierre MICHEL

- 9.45 Axel BÖRSCH-SUPAN (Max Planck Institute for Social Law and Social Policy, Munich Center for the Economics of Aging), *Multidimensional comparison of countries' adaptation to societal ageing*
- 10.15 Massimo CACCIARI (Lincei Fellow, Vita-Salute San Raffaele University, Milan), *A philosophical perspective on the ageing society*
- 10.45 Tito BOERI (Bocconi University School of Economics, Milan), *Immigration, labour market, and sustainability of the social-security system of an ageing society*
- 11.15 Coffee break
- 11.30 Massimo INGUSCIO (Lincei Fellow, President of CNR-National Research Council, Rome), *Initiatives and research projects of the National Research Council in the field of ageing*
- 12.00 Alessandro CAVALLI (Lincei Fellow, University of Pavia), *Housing and social relations in an ageing population*
- 12.30 Stefania MAGGI (CNR Institute of Neurosciences, Aging Branch, Padua), *The role of the European Geriatric Medicine Society in promoting healthy ageing*
- 13.00 General discussion
- 13.30 Carlo PATRONO (Lincei Fellow, Catholic University, Rome) and Jean-Pierre MICHEL (University of Geneva), *Closing remarks*

**VENUE OF THE MEETING**

Accademia Nazionale dei Lincei  
Palazzo Corsini, Via della Lungara 10  
Rome

**MEETING SECRETARIAT**

Pina Moliterno  
phone +39 06 6802 7357  
[pina.moliterno@lincei.it](mailto:pina.moliterno@lincei.it)

[www.lincei.it](http://www.lincei.it)