Program

Science

10th anniversary

Food and Health Science, Industry and Society

1st Conference

Top Science to Society

Aging

Program

Science

19th October 2018

9.00-9.30 Registration & Meet and Greet

9.30 -11.00 Apertura institucional y mesa debate: Análisis y visión de la ciencia en España

- Ángeles Heras, Secretaria de Estado de Universidades, Investigación, Desarrollo e Innovación. Ministerio de Ciencia, Innovación y Universidades
- Rafael van Grieken, Consejero de Educación e Investigación de la Comunidad de Madrid
- Guido Kroemer, Full Professor of the Centre de Recherche des Cordeliers Paris Descartes, Paris
- Ana M. Cuervo, Co-director of the Einstein Institute for Aging Research, and a member of the Einstein Liver Research Center and Cancer Center, New York
- Rafael de Cabo, Leader of the Translational Gerontology Branch at The National Institutes of Health (NIH), Baltimore
- Manuel Serrano, Group Leader of the Cellular Plasticity and Disease Group at the Institute for Research in Biomedicine (IRB), Barcelona
- María Blasco, Director of the Spanish National Cancer Research Center and Head of the Telomeres and Telomerase Group (CNIO), Madrid
- Guillermo Reglero, Full Professor of Universidad Autónoma de Madrid and Director of IMDEA Food Institute, Madrid

11.00-12.00 Scientific Session 1: “Mechanistic insights into Aging processes”

Chair: Ana Ramírez de Molina

“Targeting Telomeres in Aging and Age-related diseases”

- Maria Blasco, Director of the Spanish National Cancer Research Center and Head of the Telomeres and Telomerase Group (CNIO), Madrid

“Epigenetic causes of aging and their potential for reversal”

- David Sinclair, Professor and co-Director of the Paul F. Glenn Center for the Biology of Aging at Harvard Medical School, Boston

12.00-12.30 Coffee Break

12.30-13.30 Scientific Session 2: “Cellular & tissue remodeling in Aging”

Chair: Pablo J. Fernández-Marcos

“Targeting selective autophagy in aging and age-related diseases”

- Ana M. Cuervo, Co-director of the Einstein Institute for Aging Research, and a member of the Einstein Liver Research Center and Cancer Center, New York

“Caloric restriction mimetics as antiaging elixirs”

- Guido Kroemer, Full Professor of the Centre de Recherche des Cordeliers Paris Descartes, Paris

13.30-14.30 Scientific Session 3: “Precision Nutrition for Aging”

Chair: Manuel Serrano

“Precision Nutrition in age-related diseases: targeting lipid metabolism in cancer”

- Ana Ramírez de Molina, Director of the Precision Nutrition and Cancer Program, and Deputy Director at IMDEA Food Institute, Madrid

“Molecular perspectives on short-term fasting as a nutritional strategy against aging-related diseases”

- Pablo J. Fernández-Marcos, Group Leader of the Metabolic Syndrome Group at IMDEA Food Institute, Madrid

14.30-15.30 Networking Lunch

15.30-17.00 Scientific Session 4: “Interventions for healthy Aging; from the bench to bedside”

Chair: Pablo J. Fernández-Marcos

“Dietary interventions for healthy aging”

- Rafael de Cabo, Chief of the Translational Gerontology Branch at The National Institutes of Health (NIH), Baltimore

“Fasting Mimicking diets, multi-system regeneration and healthspan”

- Valter Longo, Edna M. Jones Professor and Director of the USC Longevity Institute at University Southern California

17.00 Closing remarks

- Manuel Serrano, Group Leader of the Cellular Plasticity and Disease Group at the Institute for Research in Biomedicine (IRB), Barcelona