



institute  
**imdea**  
food

food and health  
science, industry and society

imdea **10** años  
2007-2017

1<sup>st</sup> Conference

Top science to **society**

**aging**



**Program**

Science **october** **19<sup>th</sup>** **2018**

[www.food.imdea.org/TopSciencetoSociety](http://www.food.imdea.org/TopSciencetoSociety)

Carretera de Canto Blanco, 8 · 28049 Madrid · Campus Universidad Autónoma de Madrid



## 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**

#### *“Targetting Telomeres in Aging and Age-related diseases”*

- **María 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

#### *“Targeting cellular senescence for healthy aging”*

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

#### *“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