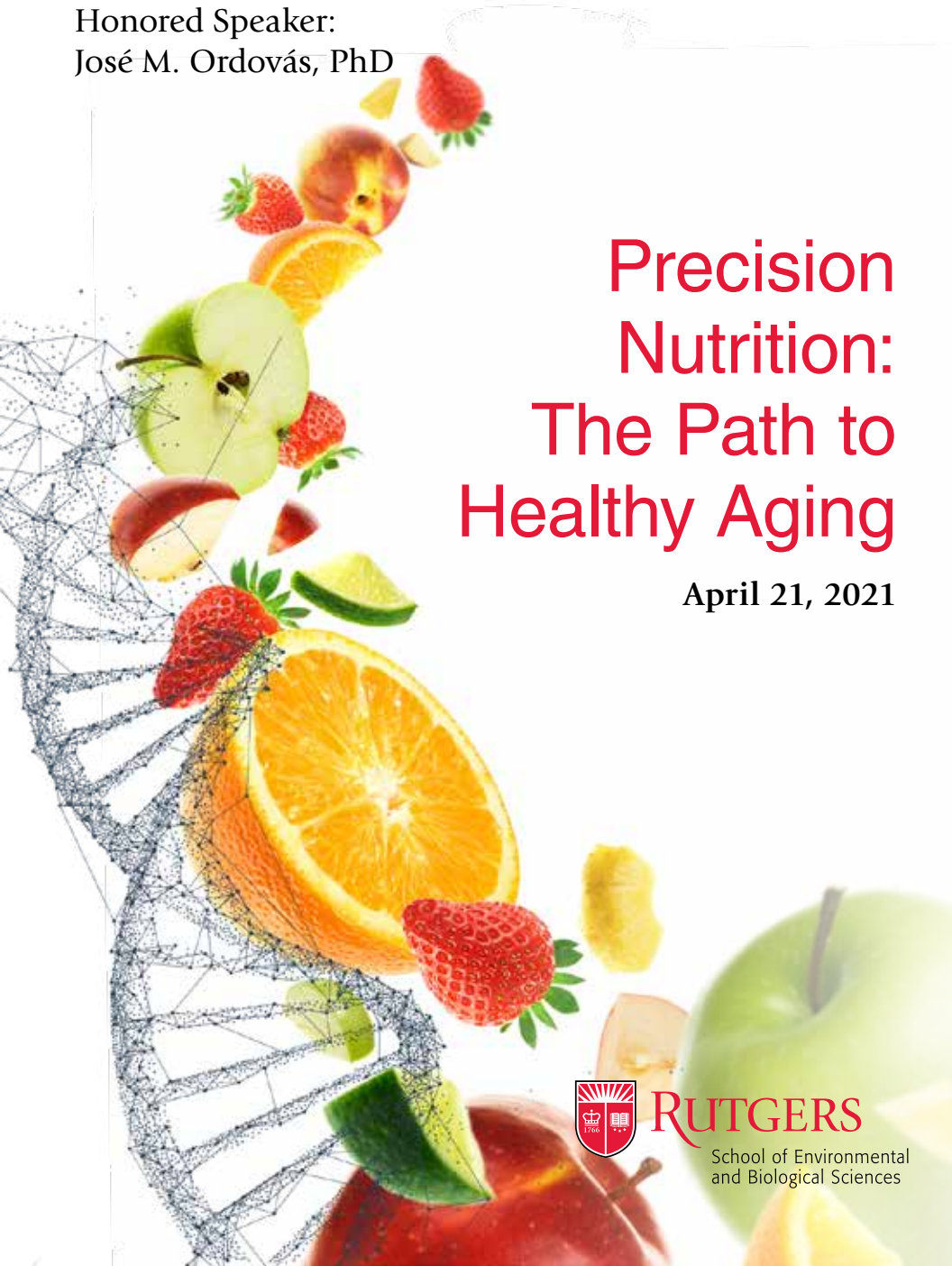


The Hans Fisher Lectureship

Honored Speaker:
José M. Ordovás, PhD

Precision Nutrition: The Path to Healthy Aging

April 21, 2021



RUTGERS

School of Environmental
and Biological Sciences

The Hans Fisher Lectureship was created in 1991 to honor Dr. Fisher's many contributions to Rutgers and to acknowledge him as the founder of the Department of Nutritional Sciences.

10:45

Introductions and Welcome

Joshua W. Miller, Ph.D.
Professor and Chair
Department of Nutritional Sciences

Laura J. Lawson, Ph.D.
Interim Executive Dean
Agriculture and Natural
Resources

José M. Ordovás, PhD



Dr. José Ordovás is Senior Scientist and Leader of the Nutrition and Genomics Team at the HNRCA. His research focuses on the genetic factors that predispose individuals to heart disease and obesity as well as the interaction of these genetic factors with the environment and behavioral factors. In particular, Dr. Ordovás examines the impact of diet on genetic factors. He has published well over 850 scientific articles in peer-reviewed journals and has written numerous reviews and books on these topics. In this regard,

Dr. Ordovás is considered one of the founders of nutrigenomics. Dr. Ordovás embraces new areas of nutrigenomics related to the regulation of gene expression by microRNAs and DNA methylation and the relation between genes, chronobiology and obesity. He and his team are currently studying the APOA2 gene, diet, inflammation, and gut health, as well as populations at high risk for heart disease and the TCF7L2 gene and the dietary prevention of type 2 diabetes. He is a Professor of Nutrition and Genetics at the Friedman School of Nutrition Science and Policy and Professor at the School of Graduate Biomedical Sciences at Tufts University. Throughout his career, Dr. Ordovás has received multiple honors for his scientific achievements, including the USDA Secretary's Award, the Centrum American Nutrition Society Award, the Mary Swartz Award (presented by the Dietetic Association,) the Garry-Labbe Award (presented by the American Association for Clinical Chemistry,) and the Francisco Grande Memorial Lecture all for Excellence in Nutrition Research.

11:00

"Precision Nutrition: The Path to Healthy Aging"

José M. Ordovás, Ph.D.
Director Nutrition and Genomics
Professor Nutrition and Genetics
JM-USDA-HNRCA at Tufts University

Hans Fisher, Ph.D.



Dr. Hans Fisher began his Rutgers career in 1954 as Assistant Professor of Nutritional Biochemistry in the Department of Poultry Science. In 1966 a new Department of Nutrition was formed with Dr. Fisher as its first chair. When Home Economics from Douglass College was consolidated with Nutrition at Cook College in 1988, Dr. Fisher took on an additional role as Associate Provost for Life Sciences at Rutgers.

Subsequently Dr. Fisher continued his university-wide leadership activities. For 12 years he chaired the committee on Standards and Priorities in Academic Development, reviewing each of the 120 departments and programs at Rutgers. As Chair of the Committee for the Future, he oversaw \$4 million in internal grant funds which were leveraged into \$300 million in external support. He also served as Visiting Scientist at Beth Israel/Deaconess Medical Center. The lectureship was initiated on the recommendation of an external review committee in 1991 based on the achievements and contributions of Dr. Fisher to the field of Nutrition.



Past Lectureship Participants

- 2019 *Circadian Rhythms and the Molecular Clock:
Why Muscles Care About Time*
Karyn A. Esser, Ph.D., University of Florida
- 2018 *Transcriptional and Epigenetic Mechanisms of Depression*
Eric J. J. Nestler, M.D., Ph.D., Icahn School of Medicine, Mount Sinai
- 2017 *Intersection of Nutrition Science and Policy: Current Challenges*
Alice Lichtenstein D.Sc.
- 2016 *What Will it Take to Reduce Obesity in the Population?*
James O. Hill, Ph.D., University of Colorado
- 2015 *Perturbing the Early Life Microbiome and its Consequences*
Martin J. Blaser, M.D., NYU School for Medicine
- 2012 *Developing a Career in Medical Nutrition*
George L. Blackburn, M.D., Ph.D., Harvard Medical School
- 2009 *Mending Broken Hearts: From Stents to Stem Cells.
An Interventionalist's Perspective*
Daniel Z. Fisher, M.D., Ph.D., U Mass Memorial Medical Center
- 2008 *Phosphoenolpyruvate Carboxykinase: A Reassessment of its Metabolic
Function 50 Years After its Discovery*
Richard W. Hanson, Ph.D., Case Western Reserve University
- 2007 *From Suntan to Melanoma: Molecular and Genetic Basis of Skin Cancer*
David Fisher, M.D., Ph.D., Harvard Medical School
- 2004 **Symposium on Alcohol**
Effective Treatments for Alcohol Problems
Barbara McCrady, Ph.D.
- Novel Pharmacological Treatments in Animal Models,*
Alycia Halladay, Ph.D.
- Health Benefits of Alcohol*
Kenneth J. Mukamal, M.D., M.P.H.
- Emerging Treatments for Stimulant Addiction,*
Richard B. Rothman, M.D., Ph.D.
- 2002 *Flavor, Taste & Pleasures of the Palate*
Gary Beauchamp, Ph.D.
Director, Monell Chemical Senses Center, Philadelphia, Pennsylvania
- 2000 *Nutritional, Metabolic and Hepatic Effects of Alcohol: Insights into
Pathogenesis Leads to Better Treatment*
Charles S. Lieber, M.D.
Bronx Veterans Affairs Medical Center Mount Sinai School of
Medicine, New York, New York