



BIO
HABANA
2024

Ciencia para una Vida Saludable

Del 1 – 5 Abril 2024

Centro de Convenciones Plaza América, Varadero

Science for a Healthy Life

April 1 – 5, 2024

Convention Center Plaza America, Varadero

SCIENTIFIC PROGRAM

AGING AND CHRONIC INFLAMMATION SYMPOSIUM

(Inscription Room)



April 2nd, 2024

Immunosenescence, inflammaging and cellular senescence

Chairpersons: Prof. Daniela Frasca and Dr. Malika Oubaha

9:00- 9:10

Introductory words (Professor Agustin Lage and Dr Ana Laura Añe Kouri)

9.10- 9:40

Professor Daniela Frasca,
PhD

University of Miami Miller
School of Medicine

USA

Keynote Lecture

Metabolic regulation of humoral immunity in the elderly

9:50-10:20

Professor Tamás Fülöp,
MD, PhD

University of Sherbrooke.

Canada

On-line keynote Lecture

The aging immune system: a model of adaptation and maladaptation of a complex system

10:30- 11:00

Manuel Serrano, PhD

Cambridge Institute of
Science, Altos Labs,
Cambridge

USA

On-line conference

Recent insights into the crosstalk between senescent cells and CD8 T lymphocytes

11.10- 11.30

Coffee Break

11:30- 11:50

Professor Dr. Anna
Katharina (Katja) Simon

Max Delbrück Center

Germany

On-line conference

Cellular Aging and Autophagy in Immune Cells



12:00- 12:30	Malika Oubaha, PhD	UQAM Université du Québec à Montréal Canada	<i>Conference</i> Dual role of cellular senescence in vascular eye development in health and pathology
12:40- 13:00	Kyunghyun Cho	Raydel Research Institute South Korea	<i>Conference</i> Enhancement of HDL in quantity and quality by Cuban policosanol (Raydel®) with improvement of blood pressure, cholesterol efflux and coenzyme Q10 metabolism
13:10- 13:20	Consuelo Macias, PhD	Instituto Nacional de Hematología Cuba	<i>Short Oral Presentation</i> Immunomodulatory effect of Biomodulina T in institutionalized older adults during COVID 19 in Cuba.
13:25-13:35	Dasha Fuentes	CENPALAB Cuba	<i>Short Oral Presentation</i> Chemotherapy and immunotherapy response associated with aging in a breast carcinoma murine model.
13:40-13:50	Nayibe Reytor Curi	Centro de Inmunoensayos Cuba	<i>Short Oral Presentation</i> Post-pandemic depression behavior in older adults

14:00

Bus Transfer to Hotels



April 3rd, 2024

Biomarkers of aging, estimation of biological age and aging clocks

Chairpersons: Prof. Agustin Lage and Prof. Josh Mitteldorf

9.00- 9:30	Professor Agustin Lage, MD, PhD, PhDc	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Keynote Lecture</i> The transformation of advanced cancer into a chronic disease: developing the tools.
9:40-10:10	Prof Josh Mitteldorf	Independent Scientist USA	<i>Conference</i> Biological clocks: Why we need them, why we can't trust them, how to fix them
10:20- 10:40	Prof. Dr. Stefan Schuster	Matthias Schleiden Institute Germany	<i>On-line conference</i> Title: Robustness during Aging — A Systems Biology Perspective.
10:50- 11:10	Ana Laura Añé Kourí, MD	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Conference</i> Immunosenescence markers: A multivariate cluster identification
11:15- 11:30	<i>Coffee Break</i>		
11:30- 11:40	Patricia Lorenzo-Luaces/ Lizet Sánchez	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Short Oral Presentation</i> Predictive biomarkers of the effect of CIMAvaxEGF: Are they related with long -term survival in advanced lung cancer?



11:45-11:55	Karina Garcia, PhD	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Short Oral Presentation</i> Resolved vs. uncontrolled inflammation: a mathematical model to decipher the role of innate immunity.
12:00- 12:10	Carmen Viada, PhD	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Short Oral Presentation</i> Inflammation indexes in cancer
12.15- 12:35	Shilong Zhang, Ming Chen	Zhejiang University China	<i>Conference</i> Elderly Chronic Diseases and Longevity Factors Study Based on Large-scale Data
12:45- 12:55	Anton Govorin	State Technical University Russia	<i>Short Oral Presentation</i> Assessment of adaptation reserves of the human body under conditions of stress impact
13:00- 13:10	Orestes Santos Morales, MD	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Short Oral Presentation</i> Title: Serum Epidermal Growth Factor Depletion in the context of COPD The PREVAX trial results
13:15- 13:25	Dr. Ivonne Fernández/Dr. Sarahi Mendoza	National Center for Scientific Research (CNIC) Cuba	<i>Short Oral Presentation</i> Policosanol. A safe option for a healthy aging



13:30- 13:40	Rohan Jain	Human Biosciences	<i>Short Oral Presentation</i>
		USA	Collagen use on large abdominal wound. Clinical and scientific view
13:45- 13:55	Oleg Apolikhin	Lopatkin Research Institute of Urology and Interventional Radiology	Short Oral Presentation
		Russia	Male reproductive health: from risk factors to biotechnological innovations

14:00

Bus Transfer to Hotels



April 4th, 2024

Interventions in aging: paving the way for extreme longevity

Chairpersons: Professor Calogero Caruso, Dr. Anna Aiello and Dr. Ana Laura Añe Kouri

9:00- 9:30	Prof. Dr. Graham Pawelec	University of Tübingen Germany	<i>On-line Keynote Lecture</i> Implications of Immunosenescence and Inflammageing for Immunization of Older Individuals
9:40-10:10	Prof Emeritus Calogero Caruso, MD, PhD	University of Palermo Italy	<i>On-line keynote Lecture</i> Sicilian semi- and supercentenarians: identification of age-related immunophenotype to define longevity trait
10:20- 10:40	Anna Aiello, PhD	University of Palermo Italy	<i>On-line conference</i> Unraveling the Impact of Anti-Inflammatory and Antioxidant effects of Oleuropein, Alone and in Combination with BIRB 796, on Influenza Vaccine Response in Older Adults
10:50- 11:10	Giulia Accardi, PhD	University of Palermo Italy	<i>On-line conference</i> Geroprotectors and senolytics: the new frontiers of anti-aging
11.15- 11.30	Coffee Break		
11.30- 11.50	Yosdel Soto, PhD	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Conference</i> Monoclonal antibody chP3R99 reduces subendothelial retention of atherogenic lipoproteins in Insulin-Resistant rats



12:00- 12:20	Dra. Anna Shenderova.	University of Michigan USA	<i>Conference</i> Synthetic high density lipoproteins – nanomedicine and drug delivery carriers
12.30- 12:50	Ms. Sohyun Jun	Raydel Korea Co Ltd South Korea	<i>Conference</i> Achieving Longevity Without Disease 1: The Longevity Factor, HDL
12:50- 13:10	Mr. Byongku Lee	Raydel Korea Co Ltd South Korea	<i>Conference</i> Achieving Longevity Without Disease 2: Antioxidation of Lipid and Protein
13:20- 13:40	Prof. Yoshinari UEHARA, M.D., Ph.D.	Fukuoka University Fukuoka University Hospital Japan	<i>Conference</i> Beneficial Impact of Cuban Policosanol on HDL Function from Randomized Clinical Trial, and its Future Perspective
13:50- 14:00	Roger Sarduy	Center of Molecular Immunology, BioCubaFarma Cuba	<i>Short Oral Presentation</i> Antiatherogenic effect of the chP3R99 mAb is associated with a T cell-dependent idiotypic cascade

14:00

Bus Transfer to Hotels