

INTERNATIONAL FORUM

OMEGA-3

FATTY ACIDS &

ANTI-AGING

CHINA TIME: 9 am, June 18th, 2022

VENUE: Virtual Zoom Webinar

**LANGUAGE: English and
Chinese simultaneous translation**

Partners:



Sponsors:





Organizers: International Society for Omega-3 Research (ISOR) eChinaHealth

Aging is an inevitable part of life. The aging process is a major risk factor and driver of common chronic diseases and a key determinant of a person's lifespan. It's impossible to stop aging, but it's entirely possible to make the aging process slowly and healthily and to make the body 10 or even 20 years younger than the actual age, thereby prolonging the lifespan or even living beyond 100 years! Therefore, anti-aging has become a hot topic in current medical research and public health, and anti-aging products are also popular everywhere.

However, which nutrients or substances really have an anti-aging effect? Is there any scientific basis for it? If so, is the evidence sufficient? These are the questions we must address.

The International Society for Omega-3 Research (ISOR) together with eChinahealth will hold an online international forum on "Omega-3 Fatty Acids and Anti-aging" on June 18, 2022 and will invite the world's top scientists and experts in this field to discuss the scientific evidence at multiple levels ranging from molecular studies to human trials for the anti-aging effects of omega-3 fatty acids. This will be a unique opportunity for individuals and businesses interested in anti-aging.

Free Registration 

Scientific Program

Main Topics:

- The Biological Basis for the antiaging effects of omega-3 fatty acids
- Molecular mechanisms and biomarkers for omega-3's anti-aging effects
- Evidence from animal studies
- Evidence from human studies
- Epidemiological evidence
- Comprehensive evaluation and directions for future R&D (Panel discussion)

Highlights

Within the half-day program, 9 expert speakers will present a comprehensive set of high-quality data, including 5 interventional trials (3 of which are RCT), 4 large cohort studies, numerous epidemiological observations and multi-omics analysis studies. Among them, two human studies are from the laboratory of Nobel laureate (Dr. Elizabeth H. Blackburn). Certainly, these presentations will bring up exciting information for you to evaluate the anti-aging effects of omega-3 fatty acids.

Forum Chairman



Jing X. Kang, M.D., Ph.D.

President, International Society for Omega-3 Research (ISOR)
Director, Laboratory for Lipid Medicine and Technology(LLMT)
Massachusetts General Hospital/Harvard Medical School

Forum Agenda

9:00-9:20 AM
Opening Presentation:
The Biological Basis for the Anti-Aging Effects of Omega-3 Fatty Acids



Prof. Jing X. Kang
Harvard Medical School, USA

An internationally recognized expert in omega-3 medicine and technology
President of the International Society for Omega-3 Research

9:20-9:40 AM
Association of Omega-3 Index with Telomeric Aging and Life Expectancy in Large Cohort Human Studies



Prof. William Harris
University of South Dakota, USA

The founder of Omega-3 Index and a world-renowned expert in omega-3 research, President of Fatty Acid Research Institute

9:40-10:00 AM
Association of Dietary Omega-3 Fatty Acid Intake with Longevity (Epidemiological Data)



Prof. Giovanni Scapagnini
University of Molise, Italy

An internationally recognized expert in biological mechanisms of aging and in functional nutrition. The vice-president of the Italian Nutraceutical Society

10:00-10:20 AM
ASCVD Prevention in the Chinese elderly: Implications from Reduce-IT



Prof. Meilin Liu
Peking University First Hospital, China

Chief of Geriatric Medicine, Peking University First Hospital
Vice Chairman of Cardiovascular Branch, China Association of Gerontology and Geriatrics

10:20-10:40 AM
Effect of Plasma Omega-3 Fatty Acid Levels and Omega-6/Omega-3 Ratio on Leukocyte Telomere Lengths in the Singaporean Chinese Population



Dr. RAJKUMAR DORAJOO
Genome Institute of Singapore, Singapore

A senior research scientist studying the biological processes of accelerated aging and genetic biomarkers of aging and their relationship with lifespan in Asian populations

10:40-11:00 AM
Omega-3 Fatty Acids and Telomere Length: Molecular Mechanisms and Clinical Opportunities



Prof. Sergio Davinelli
University of Molise, Italy

A senior researcher studying the effects of dietary bioactive components on aging and risk of chronic disease

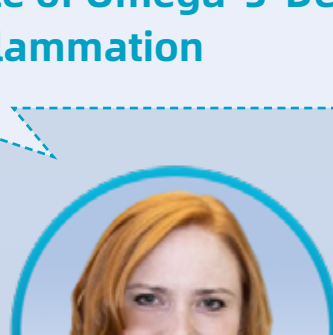
11:00-11:20 AM
Evidence from Animal Studies for the Anti-Aging Effects of Omega-3 Fatty Acids



Dr. Chihyu Chen
Harvard Medical School, USA

A senior research scientist studying the health effects of omega-3 fatty acids and their molecular mechanisms

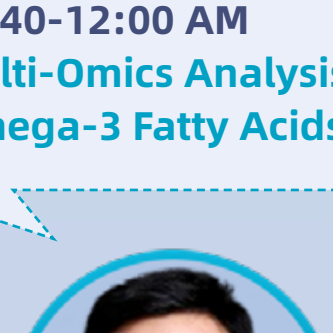
11:20-11:40 AM
Role of Omega-3-Derived SPM in Resolution of Aging Inflammation



Prof. Hildur Arnardottir
Karolinska Institute, Sweden

An expert in analyzing omega-3-derived bioactive mediators (SPM) and their effect on inflammatory response

11:40-12:00 AM
Multi-Omics Analysis of Anti-Aging Mechanisms for Omega-3 Fatty Acids



Prof. Tao Huang
Peking University, China

An expert scientist in nutrigenetics and bioinformatics

12:00PM Summary and Closing Remark



Free Registration 

This is a good opportunity for those who are working in the field of Omega-3 to join ISOR.

Membership dues (\$150 for the first year) will be waived for all individuals registered for this congress.

BENEFITS OF ISOR MEMBERSHIP

We offer our members the following benefits:

- Substantially reduced registration rates for ISOR annual meetings and special conferences;
- Discounted publication charges for articles published in the International Journal of Molecular Sciences (IF 5.923)
- Free online access to the digital ISOR Newsletter;
- Priority notice of various meetings and special events of ISOR;
- The professional benefits of the ISOR's public education activities concerning Omega-3 research and press coverage of the latest research findings;
- The opportunity to participate in training workshops that foster knowledge in the Omega-3 field for investigators in training;
- Networking and informal scientific exchange with leading researchers in the Omega-3 field;
- Funding and award opportunities
- Membership certificates

And many more ongoing benefits.

Contact Us

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Review of Past Events

“2021 World Congress of Omega-3 Science & Technology (WCOST)” were held successfully online in November 13-14 in 2021. The congress was co-organized by International Society for Omega-3 Research (ISOR) and eChinaHealth, nearly 90,000 attendees watched exciting presentations of 28 global experts in the field of Omega-3. The WCOST brought together a diverse array of people – including the world's top and most influential scientists, entrepreneurs, and policymakers in the field of Omega-3. The congress showcased major breakthroughs and innovations, exciting basic research results, the latest clinical trials, and new technologies and products in the field.

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