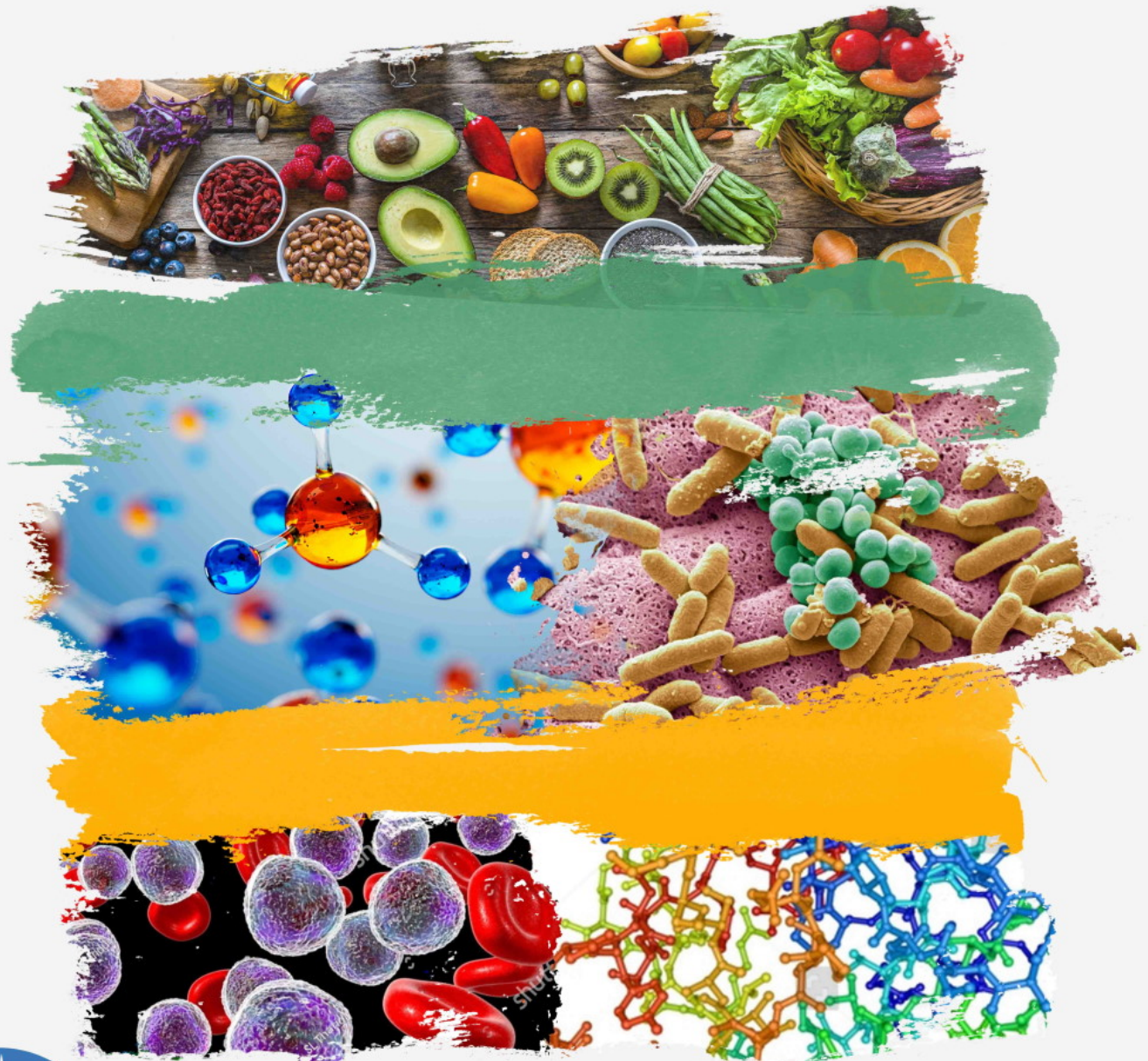


# XIII CONFERENCE ON IMMUNONUTRITION

## ISIN DIET AND LIFE STYLE FACTORS IN HEALTH AND DISEASE



28<sup>th</sup> to 31<sup>st</sup>/OCTOBER 2024  
**VIRTUAL**

<https://isin-conference.com>  
[info@isin-conference.com](mailto:info@isin-conference.com)



Technical Secretariat:

**Fase20**  
CONGRESOS

C/ Narváez 15 1ºIzq  
28009 Madrid - Tel. 902 430 960  
[www.fase20.com](http://www.fase20.com) - [info@fase20.com](mailto:info@fase20.com)

## Monday 28th october

### 8.00 - 8.15 h. Opening Opening

#### Speakers:

#### Ascensión Marcos Sánchez

*Instituto de Ciencia y Tecnología de Alimentos y Nutrición (ICTAN). Consejo Superior de Investigaciones Científicas (CSIC). Madrid. España.*

#### Adrian Gombart

*Linus Pauling Science Center. Oregon State University. USA.*

#### Francisco Pérez Cano

*University of Barcelona. Spain. ISIN Board of Directors*

### 8.15 - 9.45 h. Symposium Symposium. Immunonutrition across the life course

Nutritional Modulation of Immuneoscenesence and Associated Diseases

#### Speaker:

#### Simin Meydani

*Friedman School of Nutrition Science and Policy, Biochemical & Molecular Nutrition. Tufts University. Boston. USA.*

Vitamin D receptor regulation of microbiome and micronutrients.

#### Speaker:

#### Jun Sun

*UIC Cancer Center. University of Illinois Chicago. USA.*

Beyond Nutrition: The Critical Role of Human Milk in Shaping Infant Microbiota and Health Outcomes

#### Speaker:

#### Carmen Collado

*Institute of Agrochemistry and Food Technology (IATA - CSIC). Valencia. Spain.*

### 9.45 - 10.15 h. Break Break



## 10.15 - 11.45 h. Oral Session Oral Session. 1

### Chairperson:

#### Francisco Pérez Cano

*University of Barcelona. Spain. ISIN Board of Directors*

#### Liseti Solano

*Nutrition Investigation Institute. University of Carabobo. Valencia. Venezuela. ISIN Board of Directors*

## Tuesday 29th october

## 8.00 - 9.30 h. Symposium Symposium. Nutrition, the gut microbiota & immunity

Targeting gut microbiota to mitigate age-related immune decline

### Speaker:

#### Philip Calder

*Faculty of Medicine. University of Southampton. Southampton. United Kingdom. ISIN Board of Directors*

A Healthy Gut – the key to maintaining a healthy immune system with age

### Speaker:

#### Niharika Duggal

*Institute of Inflammation and Ageing University of Birmingham Research Labs. UK.*

Microbial community-scale metabolic modeling enables targeted immunomodulation through precision dietary interventions

### Speaker:

#### Sean Gibbons

*Institute for Systems Biology. University of Washington. USA.*

## 9.30 - 10.00 h. Break Break

## 10.00 - 11.30 h. Oral Session Oral Session. 2

### Chairperson:



## Laurence Harbige

*School of Human Sciences at London Metropolitan University. Londres. Reino Unido*

## Ascensión Marcos Sánchez

*Instituto de Ciencia y Tecnología de Alimentos y Nutrición (ICTAN). Consejo Superior de Investigaciones Científicas (CSIC). Madrid. España.*

## Wednesday 30th october

### 8.00 - 9.30 h. Symposium Symposium. Bioactives and immunity

Olive oil and derived phenolics against Alzheimer's disease and related dementias

#### Speaker:

### Amal Kaddoumi

*Department of Drug Discovery and Development. Harrison College of Pharmacy. Auburn University. Auburn. USA.*

Microbial Metabolism of Botanicals and Immune Mechanisms

#### Speaker:

### Heather Zwickey

*National University of Natural Medicine. Portland. USA.*

Preservation of Bioactive Milk Proteins and Identification of Novel Bioactive Peptides

#### Speaker:

### David Dallas

*College of Health, Oregon State University. USA*

### 9.30 - 10.00 h. Break Break

### 10.00 - 11.30 h. Oral Session Oral Session. 3

#### Chairperson:

### Nora Slobodianik

*Faculty of Pharmacy and Biochemistry. Buenos Aires' University. Argentina. ISIN Board of Directors*

**Roxana Valdés**

*Faculty of Medicine. Autonomous University of the State of Mexico (UAEM). Mexico. ISIN Board of Directors*

**Thursday 31st october**

**8.00 - 9.30 h. Symposium Symposium. Immunonutrition and disease**

Dietary zinc deficiency promotes pathogenesis in *Acinetobacter baumannii* lung infection

**Speaker:**

**Lauren D. Palmer**

*Department of Microbiology and Immunology. University of Illinois. College of Medicine. Illinois. USA.*

Metabolic regulation of protein acylation

**Speaker:**

**Emily Goldberg**

*University of California San Francisco, School of Medicine. USA*

Immunometabolic effects of  $\beta$ -carotene and vitamin A in atherogenesis.

**Speaker:**

**Jaume Amengual**

*Assistant Professor of Personalized Nutrition. Department of Food Sciences and Human Nutrition. University of Illinois Urbana-Champaign.*

**9.30 - 10.00 h. Break Break**

**10.00 - 11.30 h. Oral Session Oral Session. 4**

**Chairperson:**

**Philip Calder**

*Faculty of Medicine. University of Southampton. Southampton. United Kingdom. ISIN Board of Directors*

**Adrian Gombart**

*Linus Pauling Science Center. Oregon State University. USA.*

**11.30 - 12.00 h. Closure Closure**



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