

# XIII ISIN CONFERENCE ON IMMUNONUTRITION 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>  
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Technical Secretariat:

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## 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 Perez Cano**

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

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

Nutritional Modulation of Immuneoscenescence 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



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

### Chairperson:

**Francisco Perez 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*



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## 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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