XII ISIN
Conference on Immunonutrition
July 14th-16th 2021
Online

Pre-conference Course
July 12th-13th 2021
Online

PRE-CONFERENCE PROGRAM

BARCELONA 2021

info@isinbarcelona2021.com

#ISINBCN2021
Monday 12th July

9.00 - 11.00 h. Registration

11.00 - 11.30 h. Session 1. Welcome and organization

Pre-Conference Hall

**Speakers:**

Francisco José Pérez Cano  
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.

Margarida Castell Escuer  
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.

Ascensión Marcos  

11.30 - 13.00 h. Session 1. Nutrition, immune system and microbiota (I)

Pre-Conference Hall

11.30 - 12.00 h. What, how and why Immunonutrition

**Speaker:**  
Ascensión Marcos  

12.00 - 12.30 h. Nutrition for ensuring body necessities

**Speaker:**  
Manuel Suarez  
Department of Biochemistry and Biotechnology. Rovira i Virgili University. Tarragona. Spain.

12.30 - 12.50 h. Discussion

**Chair:**  
Ascensión Marcos  

12.50 - 13.00 h. Coffee Break

13.00 - 15.30 h. Session 2. Nutrition, immune system and microbiota (II)

Pre-Conference Hall
13.00 - 13.30 h. How the Immune System works

**Speaker:**
Marta Vives-Pi  

13.30 - 14.00 h. Mucosal Immunology

**Speaker:**
María Vicario  

14.00 - 14.30 h. Microbiota: key element between food and the Immune system

**Speaker:**
Malen Massot Cladera  
Department of Biochemistry and Physiology, Faculty of Pharmacy and Food Science, University of Barcelona. Spain.

14.30 - 15.00 h. Immunity in special situations: opportunity for nutrients

**Speaker:**
Francisco José Pérez Cano  
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.

15.00 - 15.20 h. Discussion

**Chair:**
Francisco José Pérez Cano  
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.

15.20 - 15.30 h. Coffee Break

15.30 - 18.00 h. Session 3. Immunonutritional approaches

**Pre-Conference Hall**

15.30 - 16.00 h. In vitro evaluation of immunomodulatory components

**Speaker:**
María José Rodríguez Lagunas  
Department of Biochemistry and Physiology, Faculty of Pharmacy and Food Science, University of Barcelona. Spain.

16.00 - 16.30 h. Animal models for in vivo evaluation
Ignasi Azagra-Boronat
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.

16.30 - 17.00 h. Overview of dietary interventions in humans

Speaker:
Mireia Urpí

17.00 - 17.30 h. Moderate consumption of beer and its effects on cardiovascular and metabolic health: an updated review of recent scientific evidence

Speaker:
Ascensión Marcos

17.30 - 18.00 h. Discussion

Chair:
Margarida Castell Escuer
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.
Tuesday 13th July

10.30 - 13.00 h. Session 4. OMICS for immunonutrition studies

*Pre-Conference Hall*

10.30 - 11.00 h. Biomarkers of immunity: Moringa oleifera food supplement in a dietary intervention for the control of hyperglycemia and inflammation

**Speaker:**

*Esther Nova*

11.00 - 11.30 h. Flow cytometry: cell phenotype and more...

**Speaker:**

*Mar Abril Gil*
*Vall d’Hebron Hospital Institut of Research, Barcelona. Spain.*

11.30 - 12.00 h. Microbial metagenomics

**Speaker:**

*Pedro González*

12.00 - 12.30 h. Nutrimetabolomics

**Speaker:**

*Jordi Mayneris*
*Biomedical Research Institute. Girona. Spain.*

12.30 - 12.50 h. Discussion

**Chair:**

*Francisco José Pérez Cano*
*Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.*

12.50 - 13.00 h. Coffee Break

13.00 - 15.30 h. Session 5. Nutrients and Immunity I

*Pre-Conference Hall*

13.00 - 13.30 h. Lipids and Immune System

**Speaker:**
13.30 - 14.00 h. Overall mineral functions

**Speaker:**
Nora H. Slobodianik
*Faculty of Pharmacy and Biochemistry. Nutrition Professorship. Buenos Aires University. Argentina.*

14.00 - 14.30 h. Minerals and Immune System

**Speaker:**
Wilson Savino
*Oswaldo Cruz Institute. Member of the Brazilian Academy of Sciences. Brasil.*

14.30 - 15.00 h. Vitamins and Immune System

**Speaker:**
Roxana Valdés-Ramos
*Faculty of Medicine. Autonomous University of the State of Mexico. México.*

15.00 - 15.20 h. Discussion

**Chair:**
Margarida Castell Escuer
*Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.*

15.20 - 15.30 h. Coffee Break

15.30 - 18.00 h. Session 6. Nutrients and Immunity II

*Pre-Conference Hall*

15.30 - 16.00 h. Polyphenols and Immune system

**Speaker:**
Margarida Castell Escuer
*Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.*

16.00 - 16.30 h. Probiotics and Immune System

**Speaker:**
Carolina Maldonado
*Reference Centre for Lactobacilli (CERELA). Argentina.*

16.30 - 17.00 h. Prebiotics, fiber and Immune System
17.00 - 17.30 h. The future of Immunonutrition

Speaker:

Francisco José Pérez Cano
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.

17.30 - 18.00 h. Discussion

Chair:

Francisco José Pérez Cano
Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona. Spain.