

XII ISIN

Conference on Immunonutrition

July 14th-16th 2021

Online 

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

CONFERENCE PROGRAM

BARCELONA 2021

Wednesday 14th July

11.00 - 12.30 h. **Session 1. Conference Opening**

11.00 - 11.30 h. **Opening Ceremony**

Speakers:

Ascensión Marcos

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

Philip C. Calder

Faculty of Medicine. University of Southampton. United Kingdom.

Francisco José Pérez-Cano

Departamento de Bioquímica y Fisiología. Facultad de Farmacia y Ciencias de la Alimentación. Universidad de Barcelona.

Margarida Castell Escuer

Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona.

11.30 - 12.00 h. **Healthy diet for a healthy life**

Speaker:

Rosa Lamuela

INSA, Santa Coloma de Gramenet, Spain

12.00 - 12.20 h. **Discussion**

Chair:

Margarida Castell Escuer

Department of Biochemistry and Physiology. Faculty of Pharmacy and Food Science. University of Barcelona.

12.20 - 12.30 h. **Break**

12.30 - 14.30 h. **Session 2. Diet and Immunity in Gestation and Lactation**

12.30 - 13.00 h. **Influence of diet and obesity on immunity during pregnancy**

Speaker:

Kirstin Laitinen

University of Turku, Finland

13.00 - 13.30 h. **Vitamin D and immunity during gestation and beyond**

Speaker:

Martin Hewison

University of Birmingham, UK

13.30 - 14.00 h. Immunomodulatory activity of oligosaccharides in breast milk and infant formula

Speaker:

Johan Garssen

14.00 - 14.20 h. Discussion

Chair:

Francisco José Pérez Cano

Departamento de Bioquímica y Fisiología. Facultad de Farmacia y Ciencias de la Alimentación. Universidad de Barcelona.

14.20 - 14.30 h. Break

14.30 - 17.00 h. **Session 3. Hallmarks of IgE-mediated food allergy – What is the role of nutritional intervention?**

14.30 - 15.00 h. Development and mitigation of IgE-mediated food allergy

15.00 - 15.30 h. Biomarkers and pathways associated with IgE-mediated food allergy development

Speaker:

Caroline Childs

Human Development and Health. Faculty of Medicine University of Southampton. United Kingdom.

15.30 - 16.00 h. The beneficial role of the human microbiome in Ig E-mediated food allergy

Speaker:

María Carmen Collado

16.00 - 16.30 h. Microbiota and Non-IgE Cow's Milk Protein Allergy under a Restricted Diet

Speaker:

Susana Delgado Palacio

16.30 - 16.50 h. Discussion

Chair:

Philip C. Calder

Faculty of Medicine. University of Southampton. United Kingdom.

16.50 - 17.00 h. Break

17.00 - 18.00 h. Session 4. Oral Presentations - 1

17.00 - 17.30 h. Oral Abstract Presentations

17.30 - 18.00 h. Discussion

Chair:

Prof. Liseti Solano

Institute of Nutrition Research. University of Carabobo. Valencia. Venezuela.

Thursday 15th July

11.00 - 12.30 h. Session 5. Oral Presentations - 2

11.00 - 12.00 h. Oral abstract presentations

12.00 - 12.30 h. Discussion

Chair:

Roxana Valdés-Ramos

Facultad de Medicina. Universidad Autónoma del Estado de México. México.

12.30 - 14.30 h. Session 6. New perspectives on Micronutrients, Immunity and COVID-19

12.30 - 13.00 h. Update on Micronutrients, Immunity and COVID-19

Speaker:

Philip C. Calder

Faculty of Medicine. University of Southampton. United Kingdom.

13.00 - 13.30 h. Focus on Zinc: role in immunity and COVID-19

Speaker:

Lothar Rink

Institute of Immunology, Germany

13.30 - 14.00 h. Micronutrients in the clinical setting during COVID-19 pandemic

Speaker:

Teresa María Tomasa-Irriguible

14.00 - 14.20 h. Discussion

Chair:

Wilson Savino

Instituto Oswaldo Cruz. Miembro titular de la Academia Brasileña de Ciencias. Brasil.

14.20 - 15.00 h. Round Table (ISIN Board)

14.20 - 14.50 h. ISIN position about dietary components and infection (ISIN Board)

14.50 - 15.00 h. Break

15.00 - 17.00 h. Session 7. Diet and immunity in non communicable diseases

15.00 - 15.30 h. DHA in oxidation and inflammation

Speaker:

Jaume Borrás
Brudylab.

15.30 - 16.00 h. Adipose tissue and obesity. Burning fat to fight against diabetes

Speaker:

Laura Herrero
University of Barcelona.

16.00 - 16.30 h. Polyunsaturated fatty acids and inflammatory bowel disease

Speaker:

Andrea Belluzzi
University of Bologna, Italy

16.30 - 16.50 h. Discussion

Chair:

Laurence Harbige
Lipidomics and Nutrition Research Centre. London Met University.

16.50 - 17.00 h. Break

17.00 - 18.30 h. Session 8. Genetics, Life style and Immune System

17.00 - 17.30 h. Immune sexual dimorphism

Speaker:

Faas M
University of Groningen, The Netherlands

17.30 - 18.00 h. Exercise and lifestyle on immune system

Speaker:

Ana Teixeira
University of Coimbra, Portugal

18.00 - 18.30 h. Discussion

Chair:

Dr. Nora H. Slobodianik
Facultad de Farmacia y Bioquímica. Cátedra de Nutrición. Universidad de Buenos Aires. Argentina.

Friday 16th July

11.00 - 12.30 h. Session 9. Oral Presentations - 3

11.00 - 12.00 h. Oral Abstract Presentations

12.00 - 12.30 h. Discussion

Chair:

Dr. Ángels Franch Masferrer

Department of Biochemistry and Physiology, Faculty of Pharmacy and Food Science, University of Barcelona.

12.30 - 14.30 h. Session 10. Probiotics and Polyphenols in Immunity and Inflammation

12.30 - 13.00 h. Host microbiota interactions in relation to infection and inflammation

Speaker:

Silvia Melgar

University College Cork, Ireland

13.00 - 13.30 h. How probiotics can immunomodulate: from animals to humans

Speaker:

Julio Gálvez

University of Granada, Spain

13.30 - 14.00 h. Polyphenols and neuroinflammation

Speaker:

Emilio Jirillo

Università degli Studi di Bari Aldo Moro, Italy

14.00 - 14.30 h. Could moderate beer consumption have an effect on gut microbiota composition? Results from the Almicrobhol observational study.

Speaker:

Esther Nova

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

14.30 - 14.50 h. Discussion

Chair:

Prof. Gabriela Perdigón
Tucumán University. Cerela. Tucumán. Argentina.

14.50 - 15.00 h. Break

15.00 - 16.30 h. Session 11. Closing session

15.00 - 15.30 h. Benefits of a healthy diet: epidemiological and molecular aspects

Speaker:

Lluís Serra Majem

Catedrático de Medicina Preventiva y Salud Pública. Universidad de Las Palmas de Gran Canaria.

15.30 - 15.50 h. Discussion

Chair:

Ascensión Marcos

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

15.50 - 16.30 h. Awards and Closing Ceremony

Speakers:

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