

**FITXA D'OFERTA D'ACTIVITATS INSTITUCIONALS (\*) SUSCEPTIBLES DE  
RECONeixEMENT COM A CRÈDITS OPTATIUS AL GRAU ORGANITZADES PER LA  
FACULTAT DE FARMÀCIA I CIÈNCIES DE L'ALIMENTACIÓ**

ACTIVITAT			
CENTRE OFERENT		Facultat de Farmàcia i Ciències de l'Alimentació (Es realitzarà al Paraninf de la Facultat de Medicina-Clínic)	
NOM DE L'ACTIVITAT		<b>Conference: XII International Immunonutrition Workshop</b>	
DATES D'IMPARTICIÓ	15, 16 i 17 de juliol de 2020	Hores presencials <sup>1</sup>	30 h
		Hores de dedicació de l'estudiant	50 h (30 h presencials i 20 h d'estudi)
PROGRAMA DE L'ACTIVITAT			



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# XII ISIN

Conference on Immunonutrition  
July 15<sup>th</sup>-17<sup>th</sup> 2020

Course  
Pre-conference  
July 13<sup>th</sup>-14<sup>th</sup>

## BARCELONA 2020





<sup>1</sup> L'equivalència de les activitats universitàries és d'1 crèdit per cada 25 hores de dedicació de l'estudiant.

15<sup>th</sup> of July 2020

SESSION 1 (8:00-10:20)	CONFERENCE OPENING
8:00 – 9:00	Registration (Front Desk)
9:00 – 9:40	Opening Ceremony - Institutional member of University of Barcelona - <b>Ascension Marcos</b> and <b>Philip Calder</b> , ISIN. - <b>Francisco J Pérez</b> and <b>Margarida Castell</b> , University of Barcelona
9:40 – 10:20	Opening Lecture <b>Omics sciences in the diet-health interaction</b> (Lluís Arola, Eurecat-Technology Center of Catalonia)
10:20 – 10:50	Coffee-Refreshment- Fruit- (active) break

SESSION 2 (10:50-13:00)	DIET and IMMUNITY in GESTATION
10:50 – 11:30	<b>Immune Competence across life span</b> Member of the ILSI expert task group
11:30 – 12:10	<b>Influence of diet and obesity on immunity during pregnancy</b> Kirsi Latinen, University of Turku, Finland
12:10 – 13:00	Oral abstract presentations (4)
13:00 – 14:00	Lunch

SESSION 3 (14:00-17:00)	IMMUNOMODULATORY COMPONENTS DURING LACTANCY
14:00 – 15:00	Poster presentations
15:00 – 15:40	<b>Vitamin D and immunity during gestation and beyond</b> Martin Hewison, University of Birmingham, UK
15:40 – 16:20	<b>Influence of diet during gestation and lactation on microbiota and immune biomarkers of breast milk</b> Maria del Carmen Collado, CSIC, Valencia, Spain
16:20 – 16:50	Coffee-Refreshment- Fruit- (active) break
16:50 – 17:30	<b>Immunomodulatory activity of oligosaccharides in breast milk and infant formula.</b> Johan Garssen, Utrecht University and Nutricia, The Netherlands
17:30 – 18:10	<b>Breast milk banking: nutrients and immunity for preterm babies</b> Member of Milk bank from Barcelona (MAMA)
18:30	Welcome Cocktail

16<sup>th</sup> of July 2020

SESSION 4 (9:00-10:20)	DIET AND IMMUNITY IN INFANCY
9:00 – 9:40	<b>Influence of PUFA and diet on asthma and allergy</b> Eva Untersmayr, University of Vienna, Austria
9:40 – 10:20	<b>Immune sexual dimorphism</b> Faas M, University of Groningen, The Netherlands
10:20 – 10:50	Coffee-Refreshment- Fruit- (active) break

SESSION 5 (10:50-13:00)	LIFE STYLE AND IMMUNE SYSTEM
10:50 – 11:30	<b>Exercise and lifestyle on immune system</b> Karsten Kruger, University of Leibniz, Germany
11:30 – 12:10	<b>Immunometabolism around the clock</b> Annie M Curtis, Royal College of Surgeons, Dublin, Ireland
12:10 – 13:00	Oral abstract presentations (4)
13:00 – 14:00	Lunch

SESSION 6 (14:00-16:20)	DIET AND IMMUNITY IN NON COMMUNICABLE DISEASES
14:00 – 15:00	Poster presentations
15:00 – 15:40	<b>Adipose tissue and obesity. Burning fat to fight against diabetes</b> Laura Herrero, University of Barcelona
15:40 – 16:20	<b>Oral microbiome in health and disease: diabetes predictor</b> Alex Mira, FISABIO, Valencia, Spain
16:20 – 16:50	Coffee-Refreshment- Fruit- (active) break

SESSION 7 (16:50-1:20)	DIET, IMMUNITY AND INFECTION
16:50 – 17:30	<b>Round Table and ISIN position about dietary components and infection</b> Members of the ISIN board
21:00	Gala dinner

17<sup>th</sup> of July 2020

SESSION 8 (9:00-10:20)	BIOACTIVE NUTRIENTS AND IMMUNITY (I)
9:00 – 9:40	<b>Human microbial gastrointestinal interface</b> Paul Wilmes, University of Luxemburg
9:40 – 10:20	<b>How probiotics can immunomodulate: from animals to humans.</b> Julio Galvez, University of Granada, Spain
10:20 – 10:50	Coffee-Refreshment- Fruit- (active) break

SESSION 9 (10:50-13:00)	BIOACTIVE NUTRIENTS AND IMMUNITY (II)
10:50 – 11:30	<b>Polyphenols for a healthy life</b> Rosa Lamuela Raventós, University of Barcelona, Spain
11:30 – 12:10	<b>Vitamin A and immune homeostasis</b> Reina E Mebius, University of Amsterdam, The Netherlands
12:10 – 13:00	Oral abstract presentations (4)
13:00 – 14:00	Lunch

SESSION 10 (15:00-17:00)	HEALTHY DIET FOR A HEALTHY IMMUNE SYSTEM
15:00 – 15:40	<b>Minerals and infection in the elderly</b> Rink, Lothar, Medizinische Fakultät und Universitäts Klinikum Aachen, Aachen, Germany
15:40 – 16:20	Special Closing Lecture <b>Benefits of a healthy diet: epidemiological and molecular aspects.</b> Luis Serra Majem, Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, Las Palmas, Spain
16:20 – 17:00	Awards and Closing Ceremony - <b>Ascension Marcos</b> and <b>Philip Calder</b> , ISIN. - <b>Francisco J Pérez</b> and <b>Margarida Castell</b> , University of Barcelona

## PROFESSORAT

Com es mostra al programa de l'activitat, hi participa un gran nombre de professors i investigadors de la UB i d'altres universitats i centres. Són professors d'aquesta facultat:

Dr. Francisco J Pérez-Cano, Dra. Margarida Castell (organitzadors)

Dra. Àngels Franch, Dra. Maria José Rodríguez-Lagunas, Dra. Malen Massot (moderadores de sessions)

Dra. Laura Herrero (conferenciant)

## AVALUACIÓ

- Al final del curs, es realitzarà una prova de coneixements en forma de qüestionari

Nombre de places	150	Preu de l'activitat	200-350 euros (en funció del tipus d'estudiant)
Persona responsable	Dr. Francisco J Pérez Cano		