

# XI ISIN

CONFERENCE  
ON IMMUNONUTRITION  
IMMUNONUTRITION IN HEALTH AND DISEASE



# LONDON 2018

GREAT HALL  
LONDON METROPOLITAN UNIVERSITY  
SEPTEMBER, 10<sup>TH</sup> - 12<sup>TH</sup>, 2018

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## SCIENTIFIC PROGRAMME

### Monday, September 10th

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- 09:00-10:30 h. Registration opens & continues throughout.**
- 10:30-11:00 h. Coffee Break.**
- 11:00-12:30 h. Workshop, Opening and Welcome.**
- Special Opening Lecture: Immunonutrition – global perspectives.
  - Session I. Molecular and cellular roles of nutrients in the immune system.
    - Vitamin A and the immune system.
    - Zinc and the immune system.
- 12:30-14:00 h. Lunch.**
- 14:00-15:30 h. Session II. Immunometabolism.**
- Immunometabolic adaptation in pregnancy.
  - Metabolism in T cells: nutrients, signals and function.
  - Oral Communications.
- 15:30-16:00 h. Coffee Break.**
- 16:00-17:30 h. Session III. Nutrition and inflammation.**
- Fats as triggers and modulators of inflammation.
  - Nutrition & inflammatory signalling pathways.
- 17:30-18:30 h. Poster Presentations. Session I.**
- 18:30-19:30 h. Reception.**

### Tuesday, September 11th

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- 09:00-10:30 h. Session IV. Micronutrients and immunity.**
- Vitamin C, immunity and infection.
  - Vitamin D, immunity and infection.
- 10:30-11:00 h. Coffee Break.**
- 11:00-12:30 h. Session V. Fats, immunity and inflammation.**
- Omega-6 fatty acids and autoimmunity.
  - Omega-3 fatty acids and resolution of inflammation.
  - Oral Communications.
- 12:30-14:00 h. Lunch.**
- 14:00-15:30 h. Session VI. The Mediterranean diet, immunity and inflammation.**
- Flavanoids and allergy.
  - Beer, immune system and microbiota.
  - Oral Communications.
- 15:30-16:00 h. Coffee Break.**
- 16:00-17:30 h. Session VII. Nutrition and infectious disease.**
- Vitamin D and infection.
  - Iron and infection.
  - Oral Communications.
- 17:30-18:30 h. Poster Presentations. Session II.**
- 19:30-22:00 h. Gala Dinner**

### Wednesday, September 12th

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- 09:00-10:30 h. Session VIII. Microbiota and immune health.**
- Microbiota & GALT.
  - Probiotic interaction with host immunity.
  - Oral Communications.
- 10:30-11:00 h. Coffee Break.**
- 11:00-12:30 h. Session IX. Obesity, immunity and inflammation.**
- Why obesity is an inflammatory disease.
  - Adipose tissue as an inflammatory focus.
  - Oral Communications.
- 12:30-14:00 h. Lunch.**
- 14:00-15:30 h. Session X. Nutrition and immunosenescence.**
- Probiotics and the ageing immune system.
  - Vitamin E and the ageing immune system.
- 15:30-16:00 h. Coffee Break.**
- 16:00-17:30 h. Session XI. Nutrition and immune development.**
- Breast milk oligosaccharides and the developing immune system.
  - Breast feeding, microbiota and immune development in early life.
  - T-cell development in malnutrition: consequences for acute infections.
  - Oral Communications.
- 17:30-18:00 h. Special closing lecture: The immunology of asthma.**
- 18:00-18:30 h. Awards, Closing & Hadover.**