

# 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.**