

## Nutrition, Infection, Immunity and Inflammation

### **Session Description & Objectives:**

*In progress*

### **Session Chair & Co-Chair:**

Chair: Wilson Savino, Brazil

Co-chair: Noel Solomons, Guatemala

### **Session Speakers & Topics:**

**Topic 1:** *Introduction into the field of 'nutritional immunology'*

**Speaker:** A. Marcos, Institute Frío-ICTAN, Spanish National Research Council (CSIC), Madrid, Spain

**Topic 2:** The role of dietary nucleotides in immunity

**Speaker:** Angel Gil, Department of Biochemistry and Molecular Biology, University of Granada, Spain

**Topic 3:** *Fatty acids and immune function*

**Speaker:** Philip Calder, University of Southampton, UK

**Topic 4:** *Diet, exercise and mucosal immunity*

**Speaker:** R. Valdés-Ramos, Fac. Medicina, University Autónoma Estado de México, Mexico

### **Short Sessions**

#### **Part II: Micronutrients and Immune Function**

**Topic 1:** *Vitamin A, immune modulation and mortality*

**Speaker:** Christine Benn, States Serum Institute, Copenhagen, Denmark

**Topic 2:** The impact of zinc ions on immune cell signal transduction

**Speaker:** Hajo Haase, Inst. Immunology, Univ. Hospital, Aachen University, Germany

**Topic 3:** *Vitamin D and tuberculosis*

**Speaker:** Christian Wejse, Infectious Disease Res. Unit, Aarhus University Hospital, Aarhus N, Denmark

**Topic 4:** *The effect of inflammation on micronutrient status*

**Speaker:** DI Thurnham, University of Ulster, Coleraine, UK

**Topic 5:** *Zinc, cytokine production and morbidity in infants*

**Speaker:** Frank Wieringa, IRD – NIN, France / Vietnam

*Discussion*