WELCOME TO THE 1ST INTERNATIONAL CONGRESS OF MICRO-IMMUNOTHERAPY

“Immunomodulation & chronic diseases through the prism of autoimmunity: new concepts, new perspectives”

CONFERENCE PROGRAMS

18 MAY
Advances in Relationships between Microbiota, Immune Cells and Gut
Immunology: the power is inside

19 MAY
Biomarkers for Immunotherapy

20 MAY
Advances in Immunotherapy: the new era of Low-Doses

www.icomi2017.org
### SYNOPSIS

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<tr>
<th>Thursday 18 May</th>
<th>Friday 19 May</th>
<th>Saturday 20 May</th>
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| - Basic Immunology Course *  
- Advances in Relationships between Microbiota, Immune Cells and Gut  
- Immunology: the power is inside  
Biomarkers for Immunotherapy  
Advances in Immunotherapy: the new era of Low-Doses |

* Separate registration required for the Basic Immunology Course

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### EDUCATIONAL OBJECTIVES

At the conclusion of this congress, you should be better prepared to:
- Define the new concept of auto-immunity
- Understand some of the most common and critical pathways involved in auto-immune processes
- Evaluate and interpret biomarkers used to monitor the immune system
- Discuss methods to individualize the use of immunotherapy strategies
- Explain different approaches toward targeting the immune system
Thursday 18 May

9:00 // WELCOME - EXHIBITION - POSTERS

10:00-12:00 // BASIC IMMUNOLOGY COURSE
Dr. Carlos Juan NICOLAU (Spain)
Pr. Kingston MILLS (Ireland)

14:00-14:30 // OPENING CEREMONY

14:30-17:00 // PLENARY SESSIONS
Chairmen: Pr. Kingston MILLS, Pr. Eliana MARIÑO MERINO & Pr. Alessio FASANO

- The Role of Nutrition, the Microbiome, and Gut Permeability in Immunomodulation: The Celiac Disease and Type 1 Diabetes Paradigms
  Pr. Alessio FASANO (Boston, USA)

- Autoimmune Diseases - Immunological Basis and Immunotherapeutic Approaches to Treatment
  Pr. Kingston MILLS (Ireland)

- Key Roles of Functional and Nutritional Medicine in the Management of Chronic Inflammatory Diseases
  Pr. Vincent CASTRONOVO (Belgium)

- Innate Immunity and IL-1 in Type 1 Diabetes
  Pr. Anna SEDIVA (Czech Republic)

- Gut Microbial Metabolites regulates Autoimmune T cell Responses and protect against Type 1 Diabetes
  Pr. Eliana MARIÑO MERINO (Australia)

17:00-17:30 // COFFEE BREAK - POSTERS - EXHIBITION

17:30-19:00 // WORKSHOPS (3 ROOMS) - Translated into English

**ROOM 1**
Chairmen: Dr. Dolores DE LA PUERTA & Dr. Markus STARK

- Microbiota Action on Mucus Layer and its work in the Gait
  - in Spanish
  Dr. Dolores DE LA PUERTA (Spain)

- How Probiotics modulates the Function of the Immune System
  - in German
  Dr. Michael KATZENSTEINER (Austria)

- Relationship between Microbiome and Micro-Immunity
  - in German
  Dr. Markus STARK (Austria)

**ROOM 2**
Chairmen: Dr. Josepa RIGAU & Dr. Tianh CAO

- Coeliac Disease - HLA Group and Associated Autoimmune Diseases
  - in French
  Dr. Tianh CAO (France)

- Microbiota and Perinatal Time: Consequences to Autoimmune Diseases Emergence
  - in English
  Dr. Nara NAIRI (UK)

- Role of Epstein-Barr Virus in the Initiation and Maintenance of Autoimmune Activity
  - in Spanish
  Dr. Josepa RIGAU (Spain)

**ROOM 3**
Chairmen: Dr. Marcus STANTON & Dr. Renate SCHIED

- Autoimmunity has an origin
  - in English
  Dr. Marcus STANTON (Germany)

- Theory of the Antigenic Discontinuity
  - in French
  Dr. Sylvie MAS (France)

- Psycho-Neuroendocrinology: Immunology by the example of Multiple Sclerosis
  - in German
  Dr. Renate SCHIED (Austria)
Friday 19 May

8:30 /// WELCOME - EXHIBITION - POSTER

9:00-11:30 /// PLENARY SESSIONS
Chairmen: Pr. Claudia KEMPER, Pr. Herman WALDMANN & Pr. Eytan BARNEA
- Inflammatory Macrophages and Dendritic Guiding Cancer Manifestation
  Pr. Marion SCHNEIDER (Germany)
- An unexpected Force from within: the role of Intracellular Complement in Th1 Biology
  Pr. Claudia KEMPER (UK)
- P.I.F in Inflammation and Oncology - Pr. Eytan BARNEA (USA) & Pr. Michael STARK (Germany)
- Ultra-Low Doses in Immunotherapy: New Insights into their Mode of Action
  Dr. Alexander TOURNIER (Germany)

11:30-12:00 /// COFFEE BREAK - POSTERS - EXHIBITION

12:00-13:30 /// PLENARY SESSIONS
Chairmen: Pr. Claudia KEMPER, Pr. Herman WALDMANN & Pr. Michael GOLDBERG
- Exosomes, Photons Investigation and Autoimmunity - Gunter SCHLEGEL (Germany)
- Leveraging Nanotechnology to influence the Immune System - Pr. Michael GOLDBERG (USA)
- Reprogramming the Immune System in Autoimmunity and Transplantation
  Pr. Herman WALDMANN (UK)

13:30-14:30 /// LUNCH - POSTERS - EXHIBITION

14:30-16:30 /// PLENARY SESSIONS - Chairmen: Mrs Béatrice LEJEUNE & Mr Wolfgang MAYER
- Hyperactivated Signaling Pathways of RANTES/CCL5 in Osteopathy of Jawbone in Breast Cancer Patients
  Dr. Johann LECHNER (Germany) & Dr. Béatrice LEJEUNE (France)
- Cytokines: a Diagnostic Exigence for the Recognition of Silent Inflammation
  Mr. Wolfgang MAYER (Germany)
- Viral Infections and Autoimmune Disorders: What’s the Connection?
  Dr. Frédéric RIMAZ (Switzerland)
- PANDAS Syndrome (Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcus Infections) - Dr. Cesare SANTI (Italy)

16:30-17:00 /// COFFEE BREAK - POSTERS - EXHIBITION

17:00-18:40 /// WORKSHOPS (3 ROOMS) - Translated into English

ROOM 1
Chairmen: Mr. Lionel CHAPY & Dr. Sabine FISCHER
- Lymphocytes Typing and Autoimmune Disease - in French
  Mr. Lionel CHAPY (France)
- Diagnostics and Therapy of Autoimmune Diseases in Practice using Proteomis-Profile
  - in English
  Dr. Sabine FISCHER (Germany)
- Lymphocyte Typing - in German
  Dr. Gerhard HUBMANN (Austria)
- Immunophenotyping of Regulatory Cytokinergetic Th1, Th2 and Th17 lymphocytes - in Italian
  Dr. Giulia ZORZI (Italy)

ROOM 2
Chairmen: Dr. Michel GEFFARD & Dr. Pilar MUÑOZ-CALERO
- Endotherapia is a Beneficial Treatment for MS Patients
  - in French
  Dr. Michel GEFFARD (France)
- Nasal Nanoparticulate Vaccine to prevent Congenital Infection of Toxoplasma Gondii
  - in French
  Pr. Didier BETBEDER (France)
- Provocation-Neutralization Low-Dose Immunotherapy for Treatment of Chemical Sensitivity
  - in Italian
  Dr. Pilar MUÑOZ-CALERO (Spain)

ROOM 3
Chairmen: Dr. Mónica PERIS GINER & Dr. Roni MOYA
- Clinical Cases of Tiroiditis Autoimmune
  - in Spanish
  Dr. Mónica PERIS GINER (Spain)
- Positive Effect of Adding Complementary Treatments to Multiple Sclerosis Evolution
  - in English
  Dr. Ann COPPEJANS (Belgium)
- New Frontiers in Clinical Functional Nutrition and Cell Therapy
  - in English or Spanish
  Dr. Roni MOYA (Portugal)

20:30 /// CONGRESS DINNER - “Majorcan Evening”
at Ses Cases de Font Seca (a grand Majorcan 17th-century country estate)
Saturday 20 May

8:30 /// WELCOME - EXHIBITION - POSTER

9:00-11:00 /// PLENARY SESSIONS
Chairmen: Pr. David WRAITH, Pr. Thomas MALEK & Pr. Torello LOTTI

- Rosacea - Immunomodulation by Antibiotics, Laser therapy and Nanotechnology
  Dr. Victor CLATICI (Rumania)

- Alopecia Universalis: a Therapeutic Challenge
  Dr. Cristina ZEMBA (Spain)

- Low-dose of Cytokines and Growth Factors for the Treatment of Skin Diseases
  Pr. Torello LOTTI (Italy)

- Antigen-Specific Immunotherapy for Multiple Sclerosis
  Pr. David WRAITH (UK)

11:00-11:30 /// COFFEE BREAK - POSTERS - EXHIBITION

11:30-13:30 /// PLENARY SESSIONS
Chairmen: Pr. David WRAITH, Pr. Thomas MALEK, Pr. Torello LOTTI & Dr. Anna CAMPS

- Gluten Tolerance Induction by Antigen Manipulation: Immunomodulatory Strategies for Coeliac Disease
  Pr. Mauro ROSSI (Italy)

- Microimmunotherapeutic Cytokine Treatment improves the outcome of EAE, an experimental model of Multiple Sclerosis
  Dr. Anna CAMPS (Spain)

- Targeting Regulatory T cell through Low-Dose IL2 Immunomodulation delays Alzheimer-like Pathology
  Pr. Guillaume DOROTHÉE (France)

- Restoring Immune Tolerance with Low-Dose IL-2
  Pr. Thomas MALEK (USA)

13:30 /// CLOSING SESSION