PROGRAMME BOOK ICOMIVIRTUAL JUNE 2022

VIRTUAL

2^{re} International Congress Micro-immunotherapy

ICOMI, a unique Congress on low dose Immunomodulation June 2-4, 2022

Immunomodulation in health and disease



International Congress

2nd International Congress of **Micro-immunotherapy** June 2-4, 2022

SPONSORS















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ORGANISED BY









June 2-4, 2022

Dr. Pascal Mensah, Scientific Director of ICoMI

WELCOME MESSAGE

We are delighted to invite you to the 2nd International Congress of Micro-Immunotherapy (ICoMI), which will take place online on June 2-4, 2022.

ICoMI is an international platform for exchange between health professionals and researchers on Immunomodulation. This 2022 meeting will cover the core fields of Immunology & Metabolism, two challenging areas that are already shaping the roadmap towards precision medicine.

Metabolism is a fundamental requirement underlying immune cell function in health and disease. Immunometabolism uncovers astonishing understandings and sheds light on new targets to modulate the immune response.

We have just finished the programme, and many exciting lectures are awaiting you. Among the topics covered are: the power of cytokines to modulate metabolic disorders even at low doses, the protective effect of NADH on mitochondrial dysfunction in diabetes, and the role of dietary metabolic interventions in resolving excessive inflammatory conditions and many other inspiring presentations.

We look forward to welcoming you at the congress!

| Overview | |
|---------------------------------|---|
| Scientific & Clinical Programme | ε |
| Thursday, June 2, 2022 | |
| Friday, June 3, 2022 | 6 |
| Saturday, June 4, 2022 | |

SCIENTIFIC COMMITTEE



DR. ELIANA MARIÑO Head of Laboratory of Immunology & Diabetes (Monash University - Australia)



MR. GUNTER SCHLEGEL Physician & Lymphologist (Germany)



DR. DAVID MORANTA MESQUIDA Assistant Professor at the Department of Biology (University of the Balearic Islands - Spain)



PROF. DR. MARION SCHNEIDER Professor of Immunology & Experimental Anaesthesiology (University Hospital of UIm - Germany)

CLINICAL COMMITTEE



DR. CRISTINA ZEMBA Clinical Dermatologist (Spain)



DR. STEPHAN BECKER Orthopedic surgeon and traumatologist (Austria)



DR. KARINE BERNARD PhD in Immunology and Healthcare Professional (France)



DR. PETRA BLUM Medical doctor (Germany)



June 2-4, 2022

THURSDAY, JUNE 2



FRIDAY, JUNE 3

| | METABOLIC CONTROL OF IMMUNE FUNCTION IN HEALTH & DISEASE | | THERAPEUTIC INTERVENTIONS & DIAGNOSTIC TOOLS | | |
|-----------------|--|-----------------------------|---|--|--|
| | HALL 1 | HALL 2 | HALL 3 | | |
| 2:00PM - 2:20PM | OPENING SPEECH | | | | |
| 2:20PM - 3:50PM | PLENARY SESSIONS | | | | |
| 3:50PM - 4:10PM | COFFEE BREAK / SPONSORING | | | | |
| 4:10PM - 5:10PM | PLENARY SESSIONS | PLENARY SESSIONS | PLENARY SESSIONS | | |
| 5:10PM - 6:10PM | | SPONSORED SESSIONS | | | |
| 6:10PM - 6:30PM | COFFEE BREAK / SPONSORING | | | | |
| 6:30PM - 8:00PM | PLENARY SESSIONS | PLENARY SESSIONS | PLENARY SESSIONS | | |
| | | RAPID-FIRE PRESENTATIONS | | | |

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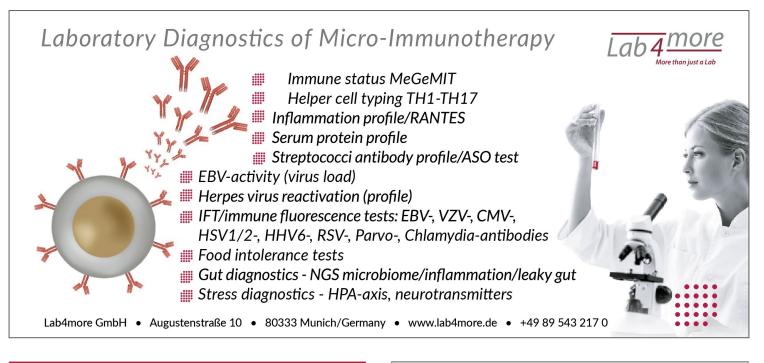
June 2-4, 2022

ICOMI VIRTUAL

| | SATURDAY, JUNE 4 | 4 | |
|-------------------|---|---------------------------|---|
| | METABOLIC CONTROL OF IMMUNE FUNCTION | LOW DOSE IMMUNOMODULATION | MICROBIOTA AND INTESTINAL FUNCTION AT THE SERVICE OF IMMUNOMETABOLISM |
| | HALL 1 | HALL 2 | HALL 3 |
| 9:30AM - 10:30AM | WORKSHOP | WORKSHOP | PLENARY SESSIONS |
| 10:30AM - 11:30AM | WORKSHOP | WORKSHOP | PLENART SESSIONS |
| 11:30AM - 11:50AM | COFFEE BREAK / SPONSORING | | |
| | METABOLIC CONTROL OF IMMUNE FUNCTION | | MICROBIOTA AND INTESTINAL FUNCTION AT THE SERVICE OF IMMUNOMETABOLISM |
| 11:50AM - 12:50PM | WORKSHOP | WORKSHOP | WORKSHOP |
| 12:50PM - 1:20PM | RAPID-FIRE PRESENTATIONS | | |
| 1:20PM - 2:35PM | LUNCH BREAK / SPONSORING | | |
| 2:35PM - 4:30PM | PLENARY SESSIONS ON ETHICS | | |
| 4:30PM - 4:40PM | COFFEE BREAK / SPONSORING | | |
| 4:40PM - 6:00PM | PANEL DISCUSSION ON ETHICS | | |
| 6:00PM - 6:20PM | CONCLUSION | | |



June 2-4, 2022

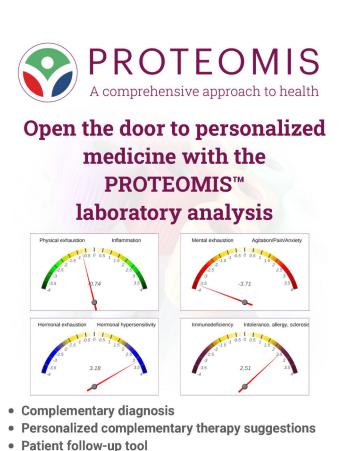




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Prevention

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June 2-4, 2022

SCIENTIFIC & **CLINICAL PROGRAMME**

THURSDAY, JUNE 2

6:00PM - 6:15PM

HALL 1

WELCOME SPEECH Dr. Pascal Mensah Scientific Director of ICoMI (Spain)

6:15PM - 8:15PM

HALL 1

PRE-CONGRESS COURSE Moderator: Dr. Pascal Mensah Scientific Director of ICoMI (Spain)

FUNDAMENTALS & PERSPECTIVES OF IMMUNOMETABOLISM **IN HEALTH & DISEASE**

Dr. Nicole M. Chapman St. Jude Children's Research Hospital (United States) Dr. Will Bailis University of Pennsylvania (United States)

FRIDAY, JUNE 3

2:00PM - 2:20PM

HALL 1

OPENING SPEECH Dr. Pascal Mensah Scientific Director of ICoMI (Spain)

2:20PM - 3:50PM

HALL 1

PLENARY SESSIONS - In English and translated into German, Spanish and French Moderators: Dr. Pascal Mensah Scientific Director of ICoMI (Spain) & Mr. Gunter Schlegel Physician & Lymphologist (Germany)

METABOLITE-BASED DIETARY SUPPLEMENTATION IN HUMAN TYPE 1 DIABETES IS ASSOCIATED WITH MICROBIOTA AND IMMUNE MODULATION Dr. Eliana Mariño Monash University (Australia)

THE EFFECT OF LOW-DOSE IL-22 & IL-2 IN THE PREVENTION OF TYPE 1 DIABETES

Dr. Pascal Mensah Scientific Director of ICoMI (Spain)

TNF-α IN HEALTH AND DISEASE. PRECLINICAL EVIDENCES OF ITS USE IN **MICRO-IMMUNOTHERAPY**

Dr. Camille Jacques Preclinical Research Department Labo'Life (France) Dr. Ilaria Floris Preclinical Research Department Labo'Life (France)

3:50PM - 4:10PM

COFFEE BREAK / SPONSORING

4:10PM - 5:10PM

HALL 1

PLENARY SESSIONS - In English and translated into German, Spanish and French Moderator: Prof. Dr. Marion Schneider University Hospital Ulm (Germany)

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EXPRESSION PATTERNS OF MONOCYTE SUBSETS IN SEPSIS PATIENTS WITH AND WITHOUT METABOLIC DISORDERS

Dr. Dan Ning University Hospital Ulm (Germany)

BACK TO OVERVIEW

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June 2-4, 2022

NADH: FROM BED SIDE TO BENCH; ITS ROLE AND FUNCTION IN TWO EXPERIMENTAL MODELS OF DIABETES AND COPD Prof. Karine Benachour Yahia Fares University (Algeria) HALL 2 PLENARY SESSIONS - In English and translated into German, Spanish and French Moderator: Dr. David Moranta Mesquida University of the Balearic Islands (Spain)

METABOLOMICS INVESTIGATION OF THE LIPOPOLYSACCHARIDE-INDUCED METABOLIC MATURATION OF DENDRITIC CELLS

Mrs. Jessica Michilietto CEA Saclay (France)

COM

/IRTUAL

TRYPTOPHAN AND KYNURENINE PATHWAY: ROLES IN INFLAMMATION AND IMMUNE ACTIVATION

Ms. Elena Panzeri St Mary's University Twickenham (UK)

HALL 3

PLENARY SESSIONS - In English and translated into German, Spanish and French Moderator: Dr. Pascal Mensah Scientific Director of ICoMI (Spain)

METFORMIN – A POSSIBLE OPTION IN CANCER CHEMOTHERAPY Dr. Matthias Kraft BioMed Klinik (Germany)

CELL DEATH AND IMMUNOMETABOLISM - WHAT WE CAN LEARN FROM DYING CELLS

Mr. Gunter Schlegel Physician & Lymphologist (Germany)

5:10PM - 6:10PM

HALL 1

SPONSORED SESSION - In English and translated into German, Spanish and French Moderator: Mr. Ian Wilders, CEO Labo'Life (Spain)

MICRO-IMMUNOTHERAPY: THERAPEUTIC SOLUTIONS FOR A SUSTAINABLE HEALTH Dr. Jacques Deneef, Physician (Belgium) Dr. Camille Jacques Preclinical Research Department Labo'Life (France)

6:10PM - 6:30PM

COFFEE BREAK / SPONSORING

6:30PM - 8:00PM

HALL 1

PLENARY SESSIONS - In English and translated into German, Spanish and French Moderator: Mr. Gunter Schlegel Physician & Lymphologist (Germany)

INSIGHTS INTO EPIGENETIC PRINCIPALS: HOW DIET AND LIFESTYLE FACTORS IMPACT MITOCHONDRIAL FUNCTION AND ENERGY METABOLISM Dr. Kurt Mosetter Center for interdisciplinary therapies (Germany)

RE-EVALUATING CALORIES AND FASTING IN A DIETARY RESTRICTION PARADIGM Dr. Heidi H.Pak University of Wisconsin-Madison (United States)

AN INSIGHT OF METABOLISM AND DISEASE FROM THE LIPOPROTEOMIC PERSPECTIVE

Prof. Sergio Montserrat University of Seville (Spain)Ms. Elena Grao-Cruces University of Seville (Spain)

HALL 2

PLENARY SESSIONS - In English and translated into German, Spanish and French Moderator: Prof. Dr. Marion Schneider University Hospital Ulm (Germany)

MITOCHONDRIAL PEPTIDES AND PERSONALIZED IMMUNOTHERAPIES IN REGENERATIVE BIOMEDICINE

Dr. Roni Moya International University of Bio-Regenerative Sciences (United States)

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June 2-4, 2022

EFFECTIVE EMBRYO-MATERNAL INTERACTION. CLINICAL MANAGEMENT TO ACHIEVE IMMUNE HOMEOSTASIS Dr. Eytan Barnea BioIncept LLC (United States)

RAPID-FIRE PRESENTATIONS - In English

PHOSPHOPROTEOME OF PBMCS TREATED WITH DASATINIB REVEALED DEEP IMPAIRMENT IN ESSENTIAL METABOLIC PATHWAYS INVOLVED IN HIGHER SUSCEPTIBILITY TO HIV-1 INFECTION

Ms. Marta Martínez Velasco Universidad Europea De Madrid (Spain)

PREVENTIVE EFFECT OF NADH ON STZ INDUCED DIABETES MODEL Ms. Amina Abdellatif Yahia Fares University (Algeria)

PREVENTIVE EFFECT OF NADH IN A COPD ANIMAL MODEL Ms. Nada Slama Yahia Fares University (Algeria)

PREIMPLANTATION FACTOR (PIF) MODULATES THE PHAGOCYTIC ACTIVITY OF CULTURED HUMAN MACROPHAGES OF DIFFERENTIAL PHENOTYPES IN RESPONSE TO LPS-INDUCED INFLAMMATION

Ms. Chen Li University Hospital Ulm (Germany)

EFFECTS OF MODERATE BEER INTAKE ON THE AGE-ASSOCIATED COGNITIVE AND MOTOR IMPAIRMENT: ALCOHOLIC FRACTION INTERACTION AND GENDER DIFFERENCES

Dr. David Moranta University of the Balearic Islands (Spain)

HALL 3

PLENARY SESSIONS - In Italian and translated into English Moderator: Dr. Tiziana Semplici Private medical doctor (Italy)

MICRO-IMMUNOTHERAPY AND MEMBRANE LIPIDOMICS: AN ONCOLOGICAL DYNAMIC DUO

Dr. Nicola Frisia Private medical doctor (Italy)

LYMPHOCYTE SUBPOPULATION IN ONCOLOGICAL DISEASES: AN ASSESSMENT TOOL TO VERIFY THE IMMUNE SYSTEM AND THE EFFICACY OF INTEGRATED THERAPIES Dr. Tiziana Semplici Private medical doctor (Italy)

IMMUNOPOROSIS: ROLE OF THE IMMUNE SYSTEM AND MICRO-IMMUNOTHERAPY IN OSTEOPOROSIS

Dr. Marco Giovanni Monzani Private medical doctor (Italy)

SATURDAY, JUNE 4

9.30AM - 11.30AM

HALL 1

WORKSHOPS - In the language of the speaker and translated into English Moderators: Dr. Petra Blum Private medical doctor (Germany) & Dr. Cristina Zemba Clinical Dermatologist (Spain)

FROM INSULIN RESISTANCE TO FATTY LIVER, INFLAMMATION, CARDIOVASCULAR DISEASES, AND DEPRESSION – EVERYTHING IS POSSIBLE - In German Dr. Markus Stark Evosan Health Center (Austria)

VITAMIN D IN THE CONTROL OF AUTO-IMMUNE RESPONSE: INFLAMMATORY BOWEL DISEASE - In Spanish Prof. María Hernández Bascuñana Nutritionist and dietician (Spain)

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June 2-4, 2022

HALL 2

| | WORKSHOPS - In the language of the speaker and translated into English |
|-------------------|--|
| | Moderators: Dr. Renate Schied Private medical doctor (Austria) & Dr. Josepa Rigau Private medical doctor (Spain) |
| | IMMUNOSTRESSOR CHRONIC VARICELLA-ZOSTER VIRUS (VZV): ATYPICAL PRESENTATIONS, IMMUNOMETABOLISM AND IMMUNOMODULATING THERAPY OPTIONS WITH MICRO-IMMUNOTHERAPY - In German Dr. Ursula Bubendorfer Private medical doctor (Austria) |
| | LOW DOSE PROVOCATION / NEUTRALIZATION (P/N) IMMUNOTHERAPY IN THE TREATMENT OF A CHILD DIAGNOSED WITH EPILEPSY - In Spanish Dr. Pilar Muñoz Calero Private medical doctor (Spain) |
| | HALL 3 |
| | PLENARY SESSIONS - In English and translated into German, Spanish and French Moderator: Dr. Karine Bernard PhD in Immunology and Healthcare Professional (France) |
| | MICROBIOTA AND INTESTINAL IMMUNE HOMEOSTASIS Dr. Dolores de la Puerta Private medical doctor (Spain) |
| | ANALYSIS OF THE GUT MICROBIOME USING NEXT-GENERATION SEQUENCING Dr. Sibylle Blumenthal Lab4more Munich (Germany) |
| | MAST CELL ACTIVATION IN HEALTH AND DISEASE: RELATIONSHIP BETWEEN GUT, MICROBIOTA AND IMMUNE AS WELL AS NEUROVEGETATIVE RESPONSES Prof. Martin Raithel Malteser Hospital Erlangen (Germany) |
| | COLITIS AND CROHN'S DISEASE - AN AUTOIMMUNE INFLAMMATION CAUSED BY METALS? Dr. Martin Landenberger Private medical doctor (Germany) |
| 11.30AM - 11.50AM | COFFEE BREAK / SPONSORING |
| 11.50AM - 12.50PM | HALL 1 |
| | WORKSHOP- In the language of the speaker and translated into English Moderator: Dr. Renate Schied Private medical doctor (Austria) |
| | VITAMIN D RECEPTOR INACTIVATION: WHAT ARE THE LINKS WITH THE DEVELOPMENT OF CHRONIC DISEASES AND WHAT ARE THE SOLUTIONS? - In German Mr. Jürgen Aschoff Private medical doctor (Germany) |

HALL 2

WORKSHOP- In the language of the speaker and translated into English Moderator: Dr. Josepa Rigau Private medical doctor (Spain)

MITOCHONDRIAL DYSFUNCTION AND NAD+ DEFICIENCY AS THE COMMON NEXUS BETWEEN PERSISTENT ORGANIC DYSFUNCTIONS - In Spanish Prof. Mar Blanco Rogel Universitat Oberta de Catalunya (Spain)

HALL 3

WORKSHOP - In the language of the speaker and translated into English Moderator: Dr. Eleni Kavelara Lodge Physician (Germany)

THE ROLE OF THE MICROBIOME FOR PREGNANCY AND IMMUNE SYSTEM - In English Mag. Anita Frauwallner Institut AllergoSan (Austria)

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HALL 1

PLENARY SESSIONS ON ETHICS - In English and translated into German, Spanish and French Moderator: Dr. Pascal Mensah Scientific Director of ICoMI (Spain)

INDIVIDUALIZED & MULTI-DIMENSIONAL APPROACH: THE RIGHT PATH TO A NEW PARADIGM IN MEDICINE

Univ.-Prof. Dr. Dr Christian Schubert Medical University Innsbruck (Austria)

DATA MEDICINE AND HUMAN MEDICINE - THE EXPECTED TRANSFORMATION OF THE PATIENT CARE PATHWAY

Dr. Judith Nicogossian Anthropobiologist – Faculté de médecine de la Méditerranée / CNRS (France)

CO-PRODUCTION OF HEALTHCARE; PATIENT AS AN INTEGRAL PART OF THE SOLUTION Mr. Robert Johnstone Patient Advocate, International Foundation For Integrated Care (IFIC) (UK)

4.30PM - 4.40PM

2.35PM - 4.30PM

COFFEE BREAK / SPONSORING

4.40PM- 6.00PM

HALL 1

PANEL DISCUSSION ON ETHICS Moderator: Dr. Pascal Mensah Scientific Director of ICoMI (Spain)

Dr. Judith Nicogossian Anthropobiologist - Faculté de médecine de la Méditerranée / CNRS (France)
 Univ.-Prof. Dr. Dr Christian Schubert Medical University Innsbruck (Austria)
 Mr. Robert Johnstone Patient Advocate, International Foundation For Integrated Care (IFIC) (UK)

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6.00PM- 6.20PM

HALL 1

CONCLUSION

Dr. Pascal Mensah Scientific Director of ICoMI (Spain)



June 2-4, 2022

GENERAL INFORMATION

LANGUAGE

PLENARY SESSIONS will be presented in English and simultaneously translated into German, Spanish and French.

WORKSHOPS and **SPONSORED SESSIONS** will be presented in either English, Spanish, French or German and will be translated into English. **RAPID-FIRE PRESENTATIONS** will be presented in English and will not be translated.

EXHIBITION HALL

This is the sponsor area where you can visit sponsor stands displaying information documents and further contents. Stands offer the opportunity of real-time chat between attendees and delegates.

NETWORKING AREA

The networking area is the place where exchange with colleagues takes place and new contacts are made. To ensure a smooth communication, different forms of exchange can be used: specific 1:1 chats, video calls and emailing.

CONGRESS SECRETARIAT

Should you encounter technical problems when using the platform, please contact the Congress Secretariat via the platform or email, and they will assist you.

Contact information: +34 913 612 600 Email: icomi2022@kenes.com

WORLD MAP

The Congress platform includes a world map showing all connected users distributed by country/region. From here you may exchange with persons you choose by selecting them on the map.

THE PRE-CONGRESS COURSE

The registration fee includes access to the Precongress Course on Immunometabolism. Fundamentals and relevant findings important to making the most of the subsequent conferences will be explained in this course. It will take place on Thursday, June 2, and will have a 2 hour duration.

PLENARY SESSIONS

The plenary sessions will be held in 3 different halls. The presentations will have a duration of 20-25 minutes and they will be grouped into different sessions based on the topic. At the end of each session, aprox. 15 minutes will be reserved for discussion and Q&A.

RAPID-FIRE PRESENTATIONS

The duration of rapid-fire presentations will be 5 minutes. They will all be presented in English, with no translation. Questions may be asked via chat.

WORKSHOPS

Clinical workshops will take place in 3 different halls. They will have a duration of 45 minutes + 15 minutes of discussion and Q&A.

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MEET THE ORGANISERS

You may visit the stand of the organising associations at the Exhibition Hall and learn more about their mission and the use of micro-immunotherapy. At their stand you will be able to access brochures and further information material.

PLATFORM USER GUIDE

You have a user guide at your disposal explaining everything you need to know to easily navigate through the congress platform.

https://www.icomi.org/wp-content/uploads/2022/03/triptych_ attndees_icomi2022_v2.pdf



CONGRESS CONTACT

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