



MOHAMMED VI
CENTER OF RESEARCH
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MOHAMMED VI UNIVERSITY
OF SCIENCES AND HEALTH
UM6SS



MOHAMMED VI FOUNDATION
OF SCIENCES AND HEALTH

Under the Presidency of Pr. BELYAMANI Lahcen, Chairman and CEO of FM6SS

THE INTERNATIONAL CONGRESS ON THE INTESTINAL MICROBIOME



THE INTESTINAL MICROBIOME IMPLICATIONS IN ONCOLOGY AND NUTRITION



**Mohammed VI University of
Sciences and Health - RABAT**



Conference: (April 9–10, 2026)



**Mohammed VI Center for Research and
Innovation - RABAT**



Metagenomics workshop: (April 11, 2026)

**For Abstract
Submission :**



For more information :
imcon26@cm6.ma

PREAMBLE

Recently, research on the gut microbiota has emerged as a central pillar of modern biomedical science, reshaping our understanding of cancer biology, immune regulation, and nutritional health. The gut microbiome is now recognized as a key determinant of disease susceptibility, therapeutic response, and metabolic balance, positioning it at the heart of precision medicine strategies in both oncology and nutrition. In Morocco, where the burden of cancer, metabolic disorders, and nutrition-related diseases continues to rise, the integration of microbiome research into clinical and public health frameworks remains a strategic priority. Despite growing national expertise in biomedical research and healthcare, structured platforms dedicated to microbiome science—particularly at the intersection of cancer and nutrition—are still limited.

PREAMBLE

The international congress on the microbiome, under the theme “The Intestinal Microbiome: Implications in Oncology and Nutrition” , aims to serve as a catalyst for advancing microbiome research in Morocco by bringing together leading international experts, national researchers, clinicians, and young investigators. This congress addresses a critical need to bridge this gap by fostering scientific exchange, capacity building, and translational collaboration adapted to the Moroccan healthcare and research ecosystem. By highlighting recent discoveries, clinical applications, and advanced technological platforms, this event seeks to strengthen local research capacity, foster interdisciplinary collaboration, and promote the integration of gut microbiota research into oncology and nutrition practices. Ultimately, this congress aspires to contribute to the development of innovative, locally relevant microbiome-based strategies that will enhance patient care and scientific excellence in Morocco and beyond.

CONFERENCE SYNOPSIS

● **HOST-MICROBIOME INTERACTIONS**

Host-microbiota interactions
Immune modulation & inflammation

● **MICROBIOME AND CANCER**

Oncogenesis & tumor-microbiota crosstalk
Microbiome and immunotherapy response

● **MICROBIOME, CHRONIC & METABOLIC DISORDERS**

Dysbiosis and metabolic disorders (obesity, diabetes)
Autoimmune and inflammatory diseases

● **DIAGNOSTICS, THERAPEUTICS & CLINICAL TRANSLATION**

Microbial biomarkers, FMT, probiotics
Clinical trial design & regulatory frameworks

● **MULTI-OMICS, BIOINFORMATICS & DATA INTEGRATION**

Metagenomics, metabolomics, metatranscriptomics
Computational pipelines and standards

● **MICROBIOME-DRUG & ENVIRONMENTAL INTERACTIONS**

Pharmacomicrobiomics
Environmental exposures & lifestyle factors

● **EXPERIMENTAL MODELS & BIOBANKING**

Germ-free and organoid models
Microbiome biobanking and sample processing

CONFERENCE SYNOPSIS

● **DIET–MICROBIOTA INTERACTIONS**

Dietary patterns & microbial responses
Fermentation, SCFAs, metabolic outputs

● **PRECISION & PERSONALIZED NUTRITION**

Microbiome-based dietary interventions
Predictive models & multi-omics integration

● **NUTRITION, IMMUNITY & INFLAMMATION**

Anti-inflammatory diets
Nutritional immunomodulators

● **METABOLIC HEALTH & NUTRITIONAL STRATEGIES**

Obesity, insulin resistance, metabolic syndrome

● **BIOACTIVES, NATURAL COMPOUNDS**

Polyphenols & nutraceuticals
Fermented foods and functional ingredients

● **EARLY-LIFE NUTRITION & MICROBIOME DEVELOPMENT**

Infant feeding & microbiota maturation

SPEAKERS



**Pr. ZITVOGEL
Laurence**

MD, PhD

Pr. ZITVOGEL Laurence is a clinical oncologist and immunologist and a full professor at Université Paris-Saclay. She obtained her medical degree in medical oncology in 1992 and began her scientific career at the University of Pittsburgh (USA), where she specialized in fundamental and translational immunology. In 1998, she was appointed Research Director at Inserm (U1015) and, in 2020, became Scientific Director of the Clinicobiome Program at Gustave Roussy Cancer Campus. Her work has played a major role in advancing cancer immunology and immunotherapy. Together with her team, she pioneered key concepts such as immunogenic cell death and demonstrated the critical influence of the gut microbiota on cancer immunosurveillance and responses to anticancer therapies.

SPEAKERS



**Pr. ROUTY
Bertrand**

MD, PhD

Pr. ROUTY Bertrand is a professor of hemato-oncology at the University of Montreal and Scientific Director of the Immunotherapy and Microbiome Laboratory at the Research Center of the University of Montreal Hospital (CRCHUM). He obtained his MD from the University of Montreal and completed his Internal Medicine training at McGill University, followed by a research fellowship at Princess Margaret Hospital, University of Toronto. He later earned a PhD in Immuno-Oncology at the Gustave Roussy Cancer Campus. With advanced expertise in immuno-oncology and microbiome science, his research focuses on the role of the gut microbiota in cancer progression and response to immune checkpoint inhibitors, and on the development of microbiome-based strategies to enhance cancer immunotherapy.

SPEAKERS



**Pr. SOKOL
Harry**

MD, PhD

Pr. SOKOL Harry is a professor of gastroenterology at Sorbonne University and physician at AP-HP (Saint-Antoine Hospital, Paris). He obtained his MD in Gastroenterology from Université Paris Descartes (Paris V) and his PhD in Microbiology from Université Paris-Sud (Paris-Saclay), followed by postdoctoral training at Massachusetts General Hospital and Harvard Medical School. He is an internationally recognized expert in gut microbiota, inflammation, and host–microbiome interactions, with major contributions to translational and clinical microbiome research in inflammatory diseases and cancer.

SPEAKERS



**Pr. HEIKEL
Jaâfar**

MD, PhD

Pr. HEIKEL Jaâfar is an associate professor of medicine at Mohammed VI University of Sciences and Health (UM6SS) and Director of the Laboratory of Medical Evaluation and Health Economics. He is Professor of Medicine at the Faculties of Medicine of Casablanca and Marrakech, and a researcher in Health Economics at Sorbonne Paris Nord University. His academic background includes a Diploma in Nutrition and Metabolic Diseases, training in Diabetology, a Master's degree in Community Health, a PhD in Epidemiology, and an MBA. His work focuses on epidemiology, public health, health economics, nutrition, and health behaviors, with an integrative approach linking nutrition, metabolic and infectious diseases, and health system management. He has served as an expert member of the Joint Commission International advisory council since 2002, is a member of the International Editorial Advisory Board, and previously held senior academic leadership positions, including Dean and Vice-President at the International University of Casablanca.

SPEAKERS



**Pr. AHLOULAY
Mina**

PhD

Pr. AHLOULAY Mina is a Project Manager at the DRCI (Direction de la Recherche Clinique et de l'Innovation) of AP-HP, where she currently leads initiatives for the FHU GLIMMER (Gut, Liver & Microbiome Research) at Saint-Antoine Hospital. Her career began with fundamental research in renal pathophysiology before transitioning to clinical research within AP-HP. She advanced from a Clinical Study Coordinator in Hepatology at Necker Hospital to a Clinical Research Manager at Cochin Hospital, overseeing more than 280 clinical trials. She is also engaged in clinical research training and academic lecturing at Paris Cité University.

PRE-PROGRAM

DAY 1

April 9th



Mohammed VI University of
Sciences and Health - RABAT

- **8:30 - 9:00** Participants Registration
- **9:00 - 9:30** Opening ceremony Day 1
- **9:30 - 10:00** Pr. Laurence ZITVOGEL (Gustave Roussy Institute)
From Research to the Patient: Translational Integration of the Microbiome in Oncology
- **10:00 - 10:45** Oral communications

BREAK

- **11:30 - 12:30** Oral communications
- **12:30 - 13:00** Poster session

LUNCH

- **14:30 - 15:00** Pr. Bertrand ROUTY (University of Montréal)
The importance of the microbiome in oncology—a future therapeutic option
- **15:00 - 16:00** Oral communications
- **16:00 - 16:30** Poster session

BREAK

- **17:00 - 17:30** Pr. Harry SOKOL (Sorbonne University/AP-HP)
Role of Faecalibacterium prausnitzii in immuno-oncology
- **17:30 - 18:00** Q&A and Enclosure of Day 1

PRE-PROGRAM

DAY 2 April 10th



Mohammed VI University of
Sciences and Health - RABAT

- **9:00 - 9:15** Opening ceremony Day 2
- **9:15 - 9:45** Pr. Jaafar HEIKEL (UM6SS)
*Dysbiosis and Metabolic Disorders: New
Therapeutic Challenges*
- **9:45 - 10:30** Oral communications

BREAK

- **11:00 - 12:00** Oral communications
- **12:00 - 13:00** Poster session

LUNCH

- **14:30 - 15:30** Award ceremony & Enclosure of congress
- **15:30 - 17:00** Dr. Mina AHLOULAY (AP-HP)
*Workshop : Management of microbiome
research projects (Limited Seats)*

○ **17:30** **TOURISTIC VISIT TO RABAT**

○ **20:00** **DINNER GALA**

PRE-PROGRAM

DAY 3 April 11th



Mohammed VI Center for Research
and Innovation - RABAT

- **9:00 - 13:00** First session of PACBIO workshop for microbiome
- **13:00 - 14:45** Lunch Break
- **14:45 - 17:00** Second Session of PACBIO workshop for microbiome



SCIENTIFIC COMMITTEE

- Pr. BOUTAYEB Saber
- Pr. ADNAOUI Mohammed
- Pr. BOURAIS Ilhame
- Pr. EL FAHIME Elmostafa
- Pr. KHALIS Mohamed
- Pr. ZITVOGEL Laurence
- Pr. ROUTY Bertrand
- Pr. SOKOL Harry
- Pr. HEIKEL Jaâfar
- Pr. KOUHEN Fadila
- Pr. LKHOYAALI Sihame
- Pr. ISMAILI Nabil
- Pr. ICHOU Mohamed
- Pr. SAIR Asmae
- Pr. KHANNOUSSI Wafaa
- Pr. JAFRI Ali
- Pr. DIAWARA Idrissa
- Dr. AHLOULAY Mina
- Dr. KARTTI Souad
- Dr. BOURICHA El Mehdi
- Dr. EL BADISSY Imad
- PACBIO Experts

ORGANIZING COMMITTEE

- Pr. BOUTAYEB Saber
- Pr. ADNAOUI Mohamed
- Pr. BOURAIS Ilhame
- Pr. EL FAHIME El Mostafa
- Pr. ALAOUI AMINE Sanaa
- Dr. BOURICHA El Mehdi
- Dr. NASRI Chaimae
- Mrs. BENLAMARI Maryam
- Mrs. AHMADI Narjisse
- Mrs. BENJELLOUN Majda
- Mrs. EL AKED Rim
- Mrs. ABBAR Hanae
- Mr. BOUAMEUR Marouane
- Mrs. ESSOUALEH Hiba
- Mrs. STITOU Khaoula
- Mrs. ELFARAH Malak