

JOIN US AT CENTRE DE RECHERCHE DES CORDELIERS

Metabolomics Seminar | 2024



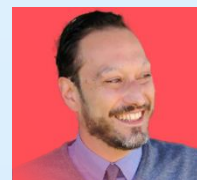
Date: March 14, 2024 at 12:30 pm
Location: Auditorium Gustave Roussy, CRC

Metabolomics in Cancer Research

Dr Busetti is one of Metabolon's most experienced Field Metabolomics Scientists and supports client projects across Europe and Asia.

Dr Busetti spent 10 years conducting research in academia, both as a Research Fellow at QUB and as a Research Associate at the University of Glasgow. His research focused on the discovery of marine-derived bioactives for biomedical applications and understanding the role of microbiomes in regulating host health. In 2016 he transitioned into the industry and joined 4D Pharma PLC where he worked as the Senior Team Leader of the "Discovery-Micro" Department. There, he defined and implemented screening strategies to identify candidate LBP strains for several disease areas ranging from autoimmune diseases, solid tumors, neurodegenerative diseases, and more.

Meet our speaker:



Dr. Alessandro Busetti
Field Metabolomic Scientist

Program:

▶ **Introduction** 12:30 to 12:40 pm

▶ **Case Study 1** 12:40 to 12:55 pm

Metabolomics and cancer metabolism, Elucidation of the metabolic Hallmarks of Cancer

▶ **Case Study 2** 12:55 to 13:10 pm

Metabolites as predictive biomarkers of response to immunotherapy

▶ **Q&A Session** 13:10 to 13:30 pm

▶ **Join us for Science and Lunch (DANTON)** 13:30 to 15:30 pm



For more details, visit our website or contact us



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Metabolon
SMALL MOLECULES, BIG INSIGHTS™

Descriptive approach

What is the microbial composition?



16s rDNA approaches

What is their genetic potential?



Meta-genomics

Functional approach

Which genes are Expressed?



Meta-transcriptomics

What is the metabolic output?



Metabolomics

What is the protein content?

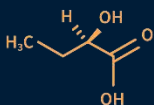


Meta-proteomics



Biological Stress Discovery Panel

Oncology
Inflammation
Neuroscience
Cardiovascular Diseases

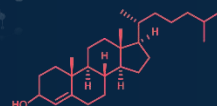
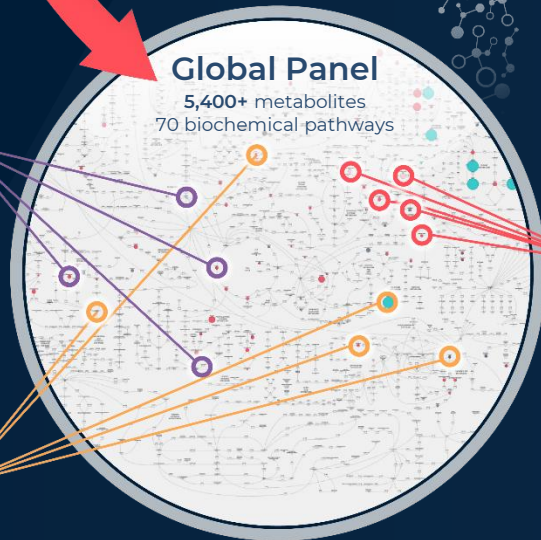


Diabetes Research Markers Panel

Insulin Resistance
Oncology
Glucose Tolerance

Global Panel

5,400+ metabolites
70 biochemical pathways



Oxysterol Panel

Oncology
Inflammation
Neuroscience
Cardiovascular disease
Diabetes



Detect, identify, and quantify up to 5,400 analytes in a single biological sample.



Absolute quantification for up to 1,000 analytes of significance.

Expertise

50+ PhDs

Proprietary Metabolite Library

5,400+

Publication

3000+

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