

BIOMARKERS

FORMERLY THE BIOMARKER MEETING OF PARIS

of the Future

FROM BEDSIDE
TO PRACTICE

4TH EDITION

VIRTUAL MEETING

15-16 NOVEMBER 2022

SCIENTIFIC PROGRAM

BMF 2022 SCIENTIFIC COMMITTEE



ALEXANDRE MEBAZAA
UNIVERSITY OF PARIS
PARIS, FRANCE



JANE-LISE SAMUEL
UNIVERSITY OF PARIS
PARIS, FRANCE



ANTONI BAYES-GENIS
GERMANS TRIAS I PUJOL
BARCELONA, SPAIN



JELENA CELUTKIENE
VILNIUS UNIVERSITY
VILNIUS, LITHUANIA



CAMILLE GOBEAUX
COCHIN HOSPITAL
PARIS, FRANCE

WITH THE INSTITUTIONAL SUPPORT OF



TUESDAY, 15 NOVEMBER 2022



INTRODUCTION & WELCOME MESSAGE BY SCIENTIFIC COMMITTEE

SESSION 1 - BIOMARKER: A COMPANION TO IMPROVE THERAPEUTIC TARGETS

Moderator: Alexandre Mebazaa - Lariboisière Hospital Paris, France

Amyloidosis 10 minutes
Thibaud Damy - Henri Mondor University Hospital Paris, France

High Collagen Type VI Formation Is a Strong and Independent Predictor of Poor Prognosis in HFpEF 10 minutes
Lei Zhao - Bristol Myers Squibb Princeton NJ, United States

Panel discussion 30 minutes



YOUNG RESEARCHERS COMPETITION - PART I: CARDIOLOGY

7 minutes of presentation followed by 5 minutes of discussion with the jury

Utilizing multiple biomarkers in characterization and risk-stratification of patients presenting with acute dyspnea 12 minutes
Kamile Cerlinskaitė-Bajorė - Vilnius University Vilnius, Lithuania

Analysis of circulatory protein profiles in COVID-19 patients identifies subgroups of patients with severe disease phenotypes 12 minutes
Nick Keur - RadboudUMC Nijmegen, Netherlands

Proteomic profiling in patients with peripartum cardiomyopathy – a biomarker study on the European Cardiac Society EORP cohort 12 minutes
Vitaris Kodogo - Cape Heart Institute-University of Cape Town Cape Town, South Africa

Immuno-metabolic mRNA expression of leptin and its role in phenotype determination of two diabetes models 12 minutes
Imen Bendaya - University of Carthage Bizerte, Tunisia

Longitudinal Assessment of Protein Expression Changes Associated with Atrial Fibrillation and Future Cardiovascular Events 12 minutes
Claire Tonry - Queen's University Belfast Belfast, United Kingdom

LUNCH BREAK

We invite you to visit the platform, rate the e-posters and meet & chat with the other participants



SESSION 2 - BIOMARKERS ARE EAGERLY NEEDED

Moderator: Stephen Greene - Duke University Durham NC, United States

Post-discharge management in heart failure 10 minutes
Maja Cikes - University of Zagreb Zagreb, Croatia

Lung cancer screening 10 minutes
Mattias Johannsson - IARC Lyon, France

Kidney disease 10 minutes
Carmen Lefaucheur - AP-HP Nancy, France / Monaco

continued below

TUESDAY, 15 NOVEMBER 2022 (CONTINUED)

SESSION 2 CONTINUED

Recent proteomic findings towards precision medicine in neurology Anne-Li Lind - Olink Proteomics	10 minutes Uppsala, Sweden
How large genetic studies can help? Kári Stefánsson - deCODE genetics	10 minutes Reykjavik, Iceland
Panel discussion	50 minutes
Coffee break	30 minutes



SESSION 3 - OMICS AND SUCCESSES IN DRUG DISCOVERY

Moderator: Muthiah Vaduganathan - Brigham and Women's Hospital	Boston MA, United States
Proteomic approach in Myocarditis and Pericarditis After mRNA COVID-19 Vaccination Donato Amodio - Ospedale Pediatrico Bambino Gesù	10 minutes Rome, Italy
Deep omics profiling in Fabry diseases Soumeya Bekri - CHU Rouen	10 minutes Rouen, France
Aptamer Proteomics for Biomarker Discovery in Heart Failure Jon Cunningham - Brigham and Women's Hospital	10 minutes Boston MA, United States
Panel discussion	40 minutes
Coffee Break	30 minutes



SESSION 4 - DISPARITIES AND CARDIOVASCULAR DISEASE

Nicolas Vodovar - Inserm	Paris, France
Strategies to close the diversity gap in clinical trials Harriette Van Spall - McMaster University	10 minutes Hamilton, Canada
Disparities in critical patients Lina Ya'Qoub - University of California	10 minutes San Francisco CA, United States
Preventing cardiovascular disease in women Karen Sliwa - University of Cape Town	10 minutes Cape Town, South Africa
Peptide for Life initiative Antoni Bayes-Genis - Hospital Universitari Germans Trias i Pujol	10 minutes Barcelona, Spain
Panel discussion	40 minutes
Adjourn	

WEDNESDAY, 16 NOVEMBER 2022



02:00 AM
NYC (UTC-5)



08:00
PARIS (UTC+1)



15:00
SINGAPORE (UTC+8)



18:00
SYDNEY (UTC+11)

INTRODUCTION & WELCOME MESSAGE BY SCIENTIFIC COMMITTEE

SESSION 5 - BIOMARKERS AND GLOBAL HEALTH: ASIA-PACIFIC FOCUSED

Moderator: Alexandre Mebazaa - Lariboisière Hospital

Paris, France

Blood-based Molecular Diagnostics for Alzheimer's Disease
Nancy Ip - Hong Kong University of Science and Technology

10 minutes

Hong Kong, Hong Kong

Infectious disease
Mina Hur - Konkuk University

10 minutes

Seoul, South Korea

Cardiovascular disease
Jasper Tromp - Duke-National University of Singapore

10 minutes

Singapore, Singapore

Panel discussion

50 minutes

Coffee Break

20 minutes



04:00 AM
NYC (UTC-5)



10:00
PARIS (UTC+1)



17:00
SINGAPORE (UTC+8)



20:00
SYDNEY (UTC+11)

SESSION 6 - BIOBANKS

Moderator: Jelena Čelutkienė - Vilnius University

Vilnius, Lithuania

UK biobank: sharing experiences
Ben Lacey - UK Biobank, Oxford University

10 minutes

Oxford, United Kingdom

China Kadoorie Biobank: recent accomplishments
Zhenming Chen - China Kadoorie Biobank

10 minutes

Oxford, United Kingdom

Societal trust and biobanking: the future of participation and withdrawal
Reinder Broekstra - University of Groningen

10 minutes

Groningen, Netherlands

Panel discussion

40 minutes



5:10 AM
NYC (UTC-5)



11:10
PARIS (UTC+1)



18:10
SINGAPORE (UTC+8)



21:10
SYDNEY (UTC+11)

YOUNG RESEARCHERS COMPETITION - PART II: INFECTIOUS DISEASES

7 minutes of presentation followed by 5 minutes of discussion with the jury



Early stages of NAFLD change serum metabolomic profiles
Maria Martin-Grau - University of Valencia

12 minutes

Valencia, Spain

Correlation between IL-8 and CRP as predictor of mortality in COVID-19 patients with Diabetes Mellitus Comorbidity
Agustin Iskandar - Brawijaya University

12 minutes

Malang, Indonesia

Identification of sepsis endotypes and biomarkers using inflammation and cardiovascular circulatory proteins.
Isis Ricaño Ponce - Radboud University Medical Center

12 minutes

Nijmegen, Netherlands

continued below

WEDNESDAY, 16 NOVEMBER 2022 (CONTINUED)

YOUNG RESEARCHERS COMPETITION PART II (CONTINUED)

Effect of Cyanazine and lipopolysaccharide on inflammatory response in the testis and liver of adult mice Lauritta Ndufeiya-Kumasi - University of Benin	12 minutes Port Harcourt, Nigeria
Label-Free Quantitative Proteomics to Identify Novel Serum Markers to Characterise Drug-Induced Liver Injury in Tuberculosis Bhavneet Kaur - Postgraduate Institute of Medical Education and Research	12 minutes Chandigarh, India
Lunch Break	50 minutes



SESSION 7 - HUMAN METABOLISM AND CARDIOVASCULAR DISEASE

Moderator: Jane-Lise Samuel - University of Paris Paris, France

Diabetes Yang De Marinis - Lund University	10 minutes Lund, Sweden
Universal benefits of SGLT-2 inhibition François Dépret - AP-HP	10 minutes Paris, France
Cardiorenal syndrome Nicolas Girerd - CHRU Nancy	10 minutes Nancy, France
Plasma "omics" for the prediction of cardiovascular risk and the evolution of atherosclerosis Andrea Baragetti - University of Milan	10 minutes Milan, Italy
Markers of congestion in heart failure Jozine ter Maaten - University of Groningen	10 minutes Groningen, Netherlands
Albuminuria: the best biomarker for cardiorenal disease Luis Ruilope - Hospital 12 de Octubre	10 minutes Madrid, Spain
Panel discussion	60 minutes



YOUNG RESEARCHERS COMPETITION - PART III: CARDIO, RENAL & MORE

7 minutes of presentation followed by 5 minutes of discussion with the jury



Galectin-3 and collagen markers in kidney transplant recipients: Insights from the TRANSARTE study Madonna Salib - University of Lorraine	12 minutes Nancy, France
Activation of neutrophil extracellular trap formation in patients with heart failure and a preserved ejection fraction Bart van Essen - University Medical Center Groningen	12 minutes Groningen, Netherlands
NT-proBNP and High-Sensitivity Troponin T Hold Diagnostic Value in Cardiac Amyloidosis Vincenzo Castiglione - Fondazione Toscana Gabriele Monasterio	12 minutes Pisa, Italy
Genetic effects on lifetime risk of 19 complex diseases in over 1.3 million individuals Brooke Wolford - Norwegian University of Science and Technology	12 minutes Trondheim, Norway

WEDNESDAY, 16 NOVEMBER 2022 (CONTINUED)

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of the Future



9:50 AM
NYC (UTC-5)



15:50
PARIS (UTC+1)



22:50
SINGAPORE (UTC+8)



01:50 (THU)
SYDNEY (UTC+11)

SESSION 8 - BREAKING TRIALS

Moderator: Alexandre Mebazaa - Lariboisière Hospital

Paris, France

STRONG-HF

Alexandre Mebazaa - Lariboisière Hospital

10 minutes

Paris, France

TRANSFORM

Robert Mentz - Duke University

10 minutes

Durham NC, United States

Panel discussion

30 minutes

Coffee Break

20 minutes



10:00 AM
NYC (UTC-5)



16:00
PARIS (UTC+1)



23:00
SINGAPORE (UTC+8)



02:00 (THU)
SYDNEY (UTC+11)

CLOSING AND AWARDS CEREMONY

Update of 2021 Young Researchers Competition winner
Melissa Amrein - University of Basel

10 minutes

Basel, Switzerland

Final words

10 minutes

Competition ceremony

10 minutes

Adjourn

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