

WORLD ACADEMIC COLLOQUIUM PARIS 2017

MICROBIOME

A NEW REVOLUTION FOR PERSONALIZED MEDICINE
IN CHRONIC DISEASES?

October 19-20, 2017

16, rue Bonaparte
75006 PARIS

International COLLOQUIUM
organized by

With the support of the World
InterAcademy Partnership

*Académie
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PROGRAM

THURSDAY OCTOBER 19, 2017

Opening session (9am - 9:15am)

Pr Claude JAFFIOL (President of French National Academy of Medicine) and Dominique RICHARD-LENOBLE (InterAcademy Partnership)

PART 1: PRESENT SITUATION (9.15 am -1pm)

Chairwoman: Lanjuan LI

9.15 The scientific news of microbiome constitution

Speakers: Remy BURCELIN and Joël DORÉ

- Remy BURCELIN - Building the microbiome: before, during the birth and the first years of a baby
- Joël DORÉ - Evolution during the life: from teenagers to elder people

10.15 The scientific news on microbiome: modulating its composition in chronic diseases

Speakers: Karine CLÉMENT, Nathalie DELZENNE and Liping ZHAO

- Nathalie DELZENNE - Dietary management of gut barrier function: a need for biomarkers in the development of therapeutic tools
- Liping ZHAO - Foundation species and guilds: ecological understanding of gut microbiota in obesity and type 2 diabetes
- Karine CLEMENT - Acting on microbiome in cardiometabolic diseases: for who, on what and when?

11.15 Coffee break

11.30 Initiatives

Speakers: Tim SPECTOR, Lita PROCTOR, Yolanda SANZ, James VERSALOVIC and Lanjuan LI

- Tim SPECTOR - American Gut, British Gut and Map my gut
- Lita PROCTOR - Human Microbiome Project - USA
- Yolanda SANZ - My New Gut - EU
- James VERSALOVIC - International Human Microbiome Consortium (IHMC)
- Lanjuan LI - Chinese projects

Buffet (1pm - 2pm)

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MICROBIOME AND GUT PERMEABILITY

PART 2: FUTURE PROSPECTS (2pm - 6.30pm)

Chairwoman: Lita PROCTOR

2.00 Personalized medicine in metabolic diseases as an example

Panel experts of roundtable: David BJORKMAN, Karine CLÉMENT, Joël DORÉ, Marvin EDEAS and Lita PROCTOR

Moderator: Patrice DEBRE

Brief presentation of each participant on the 2 topics before discussion

- Signature, diagnostic and interventions on microbiome and gut permeability: probiotics, prebiotics, symbiotics, food supplements, drugs
- Microbiome and permeability manipulations: a better medical care and decrease cost of chronic diseases?

3.30 Coffee break

3.45 Harmonization of protocols, animal models, human clinical trials and bioinformatic

Panel experts of roundtable: Isabelle de CRÉMOUX, Thomas CUENI, Christine MRINI, James VERSALOVIC and Jeroen RAES

Moderator: Fay BETSOU

Brief presentation in each sector of: J.Versalovic R&D, J.Roes BioT.Cueni Pharmaceutical industry, C.MRini Food and Medical Nutrition, I. de Crémoux Finance investor

- Laks of harmonization and problems
- Proposed solutions

5.00 Harmonization of regulations

Panel experts of roundtable: Thomas CUENI, Alexandre MÉRIEUX, Christine MRINI and Daniel TOMÉ

Moderator: Emmanuelle VOISIN

Presentation of regulations in drugs LBP by EMA and FDA representatives - claims by EFSA

T.CUENI - A.MERIEUX Pharmaceutical Industry, C.MRINI Food and Medical Nutrition

- Laks of harmonization and problems
- Proposed solutions
- Discussion on the regulations « Clinical trials », registration, claims, marketing

6.15 Conclusions

Synthesis: Jacques BRINGER (Scientific Board of Organization)

Conclusion: Claude JAFFIOL (President of the French National Academy of Medicine)