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
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 - Fundation 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)
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?

3.00  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)