

Because you care
about CONSUMERS' HEALTH



□□□□□ < 0.010 □ μg / □ / 25g □
□ (IU) < 13 □ □ uf / g □ 0.066 ± 0.038 □ < 10 □

Better Foods for Better Health

Microbiota & Health : The challenges of a Promising Approach

5th edition 6-8 April 2016



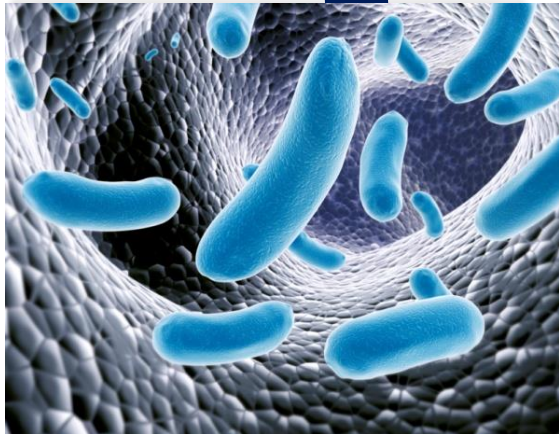
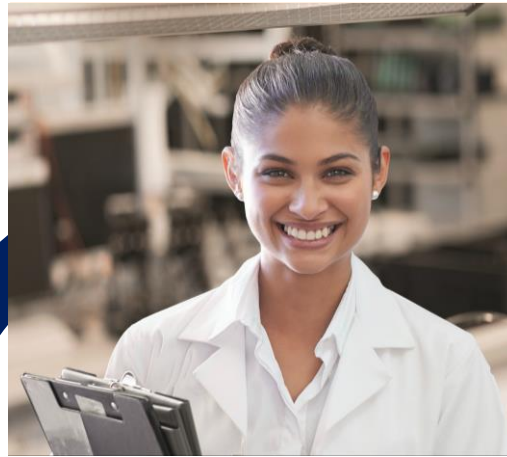
MERIEUX
NutriSciences



- Mérieux NutriSciences provides laboratory, auditing, consulting, contract research and education services to 6 strategic industries
- Mérieux NutriSciences offers research services for innovation in nutrition and health through the Biofortis business unit



A CRO for Nutrition - Microbiota - Health

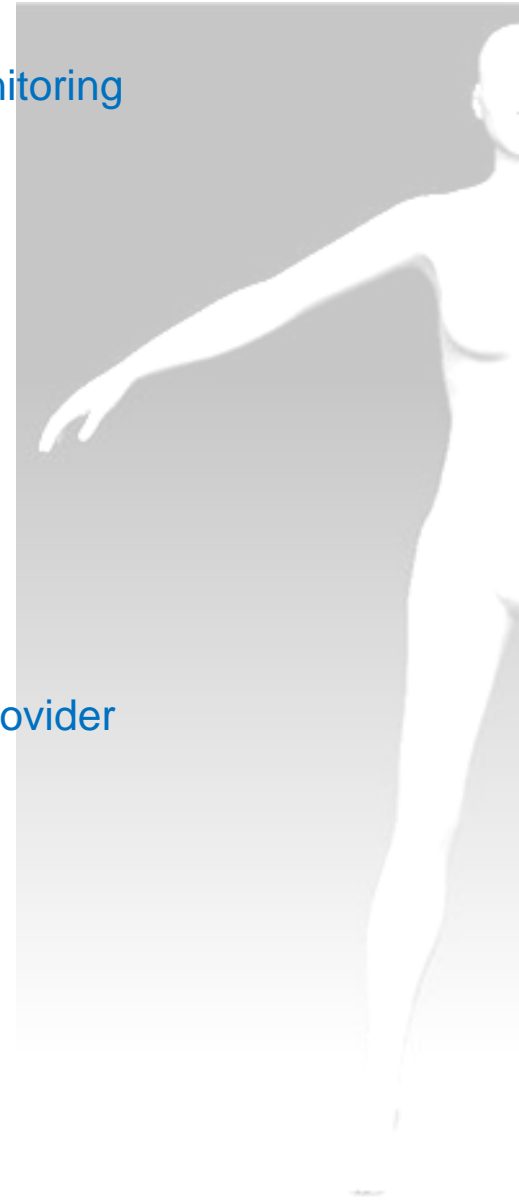
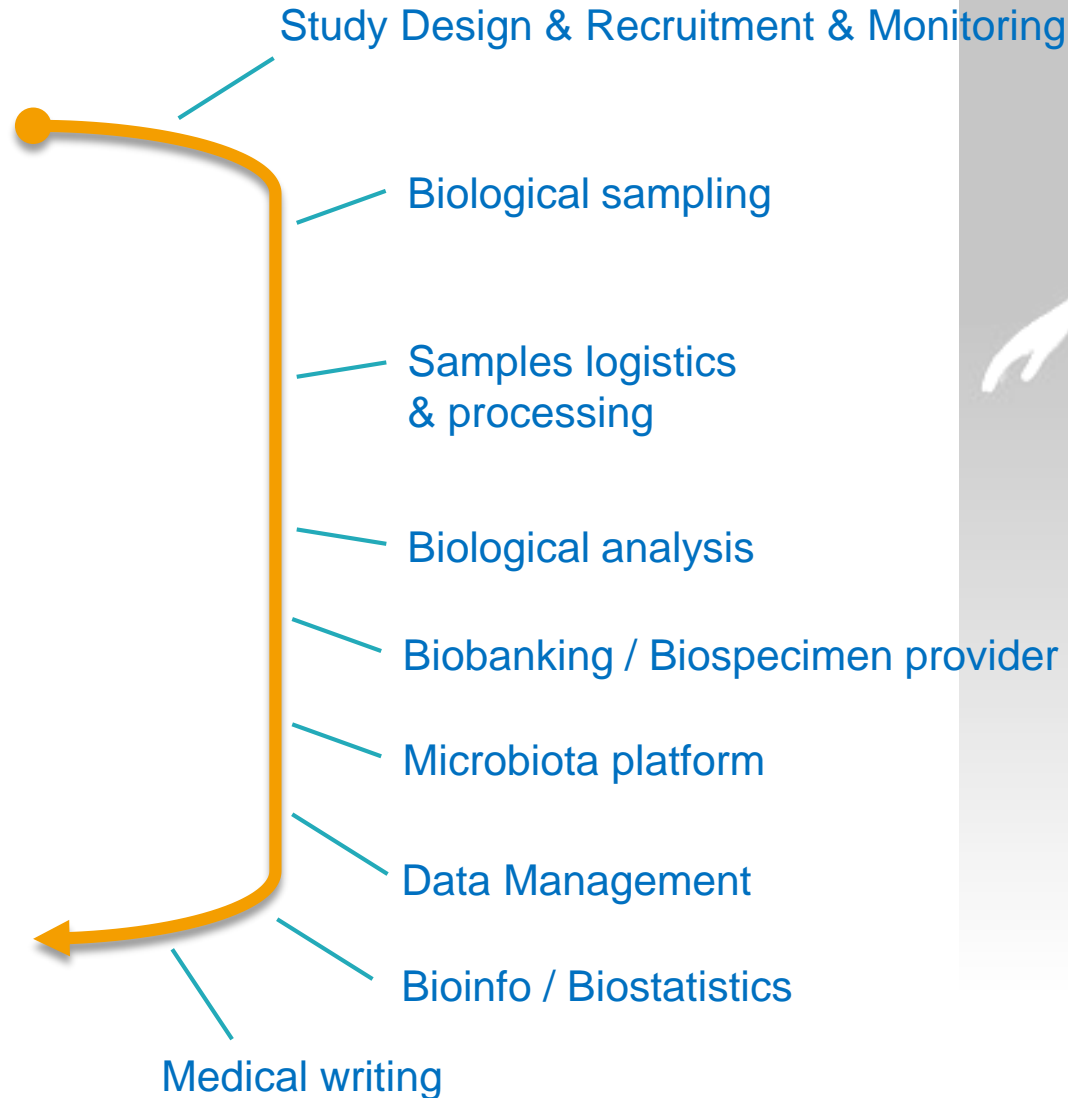
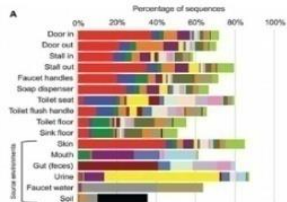




- Autism
- Anorexia
- Obesity
- Diabetes
- IBD- Crohn's disease
- Allergies
- Cancer
- Hyper tension
- ...



Innovation Services For Industry and Research



Microbiota Monitoring

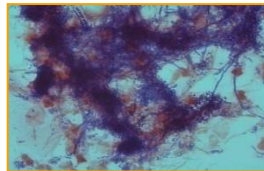


Drugs, Food Supplements, Cosmetics...

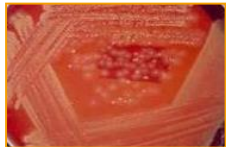
Gut



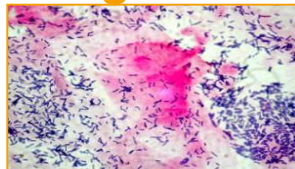
Oral



Skin



Vaginal



Technical Challenges in the process of microbiota testing



Sampling
Shipment
Storage



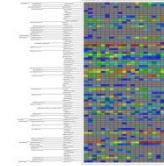
Sample
preparation



Sequencing



Quality
control



Data
analysis
integration

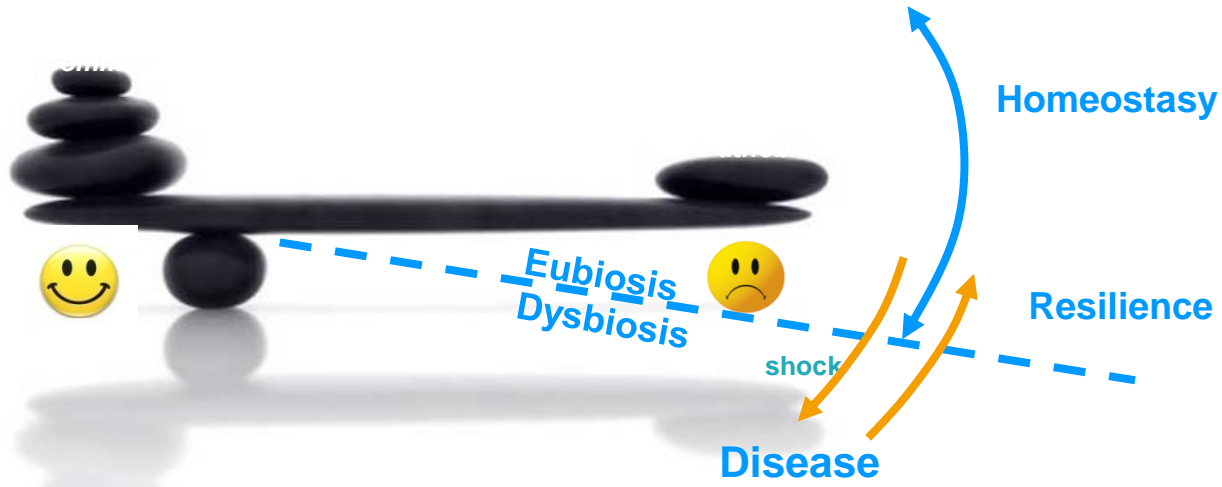
With the different processes and the all known biases,
is it possible to perform meta-analysis ?

We have different recommendations in HMP/IHMS,
Is there any studies to ease conditions ? Sampling ?





Adapted from de la Cochetière *et al.* 2004 and Round JL *et al.* 2009



Can we define now « normal » values for dysbiosis as biological parameters ?



