



Innovative health-promoting food Tentative conclusions

Berlin, 29th-30th September 2011

Did we met the targets ?

Aims	Status
Present state of the art in research, application and policy-making in the area of nutrigenomics and functional foods in France, Germany, UK	Excellent speakers, « very good questions » plenty of time for exchanges... need for mail adresses
Facilite trilateral cooperation between companies, academics and regulators	What are the common needs and interests ????

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□ Nutrigenomics

- + Scattered forces: need to raise an epigenetic network
- + Need to share cohorts, accurate phenotyping data, access to biosamples

□ Metabolomics

- Identification of new biomarkers... need to involve more analysts and chemists
- Need to validate math models using biological data
- More global approach of diet mixing xenobiotic and nutrient expositions

□ Gut performance

- ★ Screening microbiota genome functions related to gut health (inflammation, immunity, differentiation, apoptosis, barrier properties)

What are the common needs and interests ????

- Secondary plant products
 - ◆ Need for more translational studies on healthy subjects ; promote ECRIN initiative
 - ◆ Understand better the complex effects of food constituents on human functions (inflammation)
 - ◆ Need for precise data on nutritional status of populations
- Brain food / mental performance
 - ✓ Need for mechanistic studies to explain effects of diet and life style on cognitive performance
 - ✓ Need for translational studies
- Food processing
 - ❖ Add physiological knowledge to optimise food impact on health and well being
 - ❖ consider social sciences to add value to food and meet consumer requirements



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Many thanks to the organizers
and hosts from all of us

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