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THE PLACE FOR SCIENTIFIC DEBATE

The Gut Microbiota For Health Newsletter **#43**

October 30, 2014

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Edito

Dear Friends,

This week, we at Gut Microbiota for Health have a wealth of original content for you. The GMFH team recently attended the Microbiota 2014 World Congress at Institut Pasteur (Paris), and provides you here with two summaries: one that gives a "state of the art" overview with researchers such as Dr. S. Dusko Ehrlich and Dr. Philippe Sansonetti, and another that explores the relationship between mitochondria and microbiota. Also, don't miss our interview with Dr. Erika Isolauri, who includes some advice for clinicians on how to balance antibiotics and probiotics in pediatric populations.

In addition to this week's selection on the changes in gut microbiota associated with jet lag and how they interfere with metabolism, we bring you two updates on professional learning: advance notice of the 4th Gut Microbiota for Health summit in Barcelona, Spain (March 14-15, 2015), and the German version of our GMFH e-learning slides.

Many of our web community members have provided us with excellent contributions this month, on topics including microbiota-targeting nutrients, *C. ramosum*'s promotion of obesity in mice, and more. Be sure to check them out on our website!

The GMFH publishing team

Targeting Microbiota at Pasteur Institute: State of the Art

The 2nd congress on targeting microbiota was held at Institut Pasteur in Paris on October 16-17, 2014. In this article we share with you the report of the introducing 'State of the Art' session.

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Written by J. Tap



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Targeting the Intriguing Relationship Between Mitochondria and Microbiota at Pasteur Institute

After the state of the art session, the 'Targeting Microbiota' congress at Pasteur Institute moved on to the potential relationship between mitochondria and microbiota.

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Dr. Erika Isolauri, on the Far-Reaching Effects of Probiotics

Dr. Erika Isolauri is a professor of paediatrics at the University of Turku, and chief physician at the Department of Paediatrics at Turku University Hospital in Finland. At the 2014 Harvard Probiotics Symposium she presented a talk entitled *Probiotic Use During Pregnancy for Protection Against Childhood Diseases*. She sat down with Gut Microbiota for Health after the event to describe more about her research and clinical practice.



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Jet-Lag-Associated Changes in Gut Microbiota Can Promote Metabolic Imbalances in Mice and Humans

Seen in [Cell](#)

Thiass, *et al.* - 2014



This comprehensive set of studies, by researchers in Israel, showed that intestinal microbiota in mice and humans show diurnal changes in composition and function. The changes happen on the scale of hours, and are influenced by the host's feeding rhythms.

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Save the Date: The 4th Gut Microbiota for Health Summit, Barcelona, Spain, March 14-15, 2015

The Fourth Gut Microbiota For Health Summit aims at translating the most recent advances for the medical community. The American Gastroenterological Association (AGA), the European Society for Neurogastroenterology & Motility (ESNM), the European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN), the European Crohn's and Colitis Organisation (ECCO), and the European Association for the Study of the Liver (EASL) nominated a joint scientific committee to organize a robust program for the Summit.



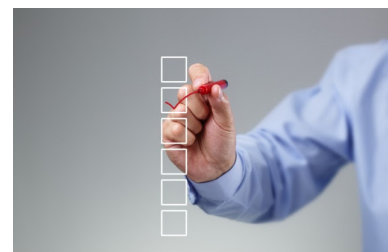
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Written by F. Guarner



Gut Microbiota E-Learning 2014: Now in English and German

The Gut Microbiota and Health Section of the European Society of Neurogastroenterology and Motility (ESNM) is pleased to provide a first set of e-learning slides on gut microbiota dedicated to gastroenterologists. It contains a selection of scientific information about the human gut microbiota. This e-learning has been developed in cooperation with the World Gastroenterology Organisation (WGO), and it is put online for the World Digestive Health Day because WGO is emphasizing the role of gut microbiota in digestive health for the 2014 year.



Now these slides are available in German.

[Read more](#)

Written by P.-Y. Arnoux



The Gut Microbiota For Health Experts Exchange is a medium to share news, innovation and information between experts on the topics of Gut Microbiota for Health.

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