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## The Gut Microbiota For Health Newsletter #30

### April 30, 2014

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### Edito

Dear Friends,

In this week's newsletter, we are pleased to announce the opening of a new "Probiotics" category on the website, and present you its expert, member of the Scientific Board, Dr. Mary-ellen Sanders.

To keep up with this subject, we propose you a contribution from our Nutrition expert, Elena Verdú, presenting the latest trends in research for treatment of celiac disease, introducing the idea of a role played by probiotics.

After that, we wanted to share with you two interviews providing points of view on metagenomics. A first one taking the original format of a double interview of Joseph N. Paulson and Paulo I. Costea, on data processing and the impact of statistical analysis on biological interpretations. A second of Elena Buelow, about the monitoring of patients in intensive care.

Finally, we selected three articles from the web. A paper on the role of gut microbiota in IBS, another focusing on the analysis of microbiome, and a last one about the study from one of our interviewee, Joseph N. Paulson.

Visit Gut Microbiota for Health to share your thoughts, comments and references with us. You can also follow us on Twitter, LinkedIn, and now Google+ by clicking the buttons on top of this newsletter.

The GMFH publishing team

## Introducing Dr. Mary-Ellen Sanders, our expert in Probiotics

The Gut Microbiota for Health initiative is happy to welcome Dr Mary-Ellen Sanders as a member of the website's Scientific Board for the Probiotics category, for which she will specifically focus on the relation between probiotics and microbiota. Dr Sanders is a consultant in the area of probiotic microbiology, with special expertise in paths to scientific substantiation of probiotic product label claims. She served as the founding president of the International Scientific Association for Probiotics and Prebiotics (ISAPP), and is currently the organization's Director of Scientific Affairs/Executive Officer...



[Read Dr Sanders' full biography](#)

[Discover the Probiotics category](#)

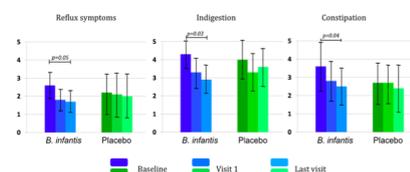


## Probiotics as adjuvant therapy in celiac disease?

At the occasion of the "New therapies in celiac disease" conference hosted by Columbia University in New-York on March 20, 2014, Dr. Elena Verdú, our expert in Nutrition, is sharing with us the latest trends in research in the field of celiac disease, introducing a possible role of probiotics as adjuvant therapy.

[Read More](#)

Written by E. VERDÚ



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## Take a computational care of gut metagenomics data

In this original cross-interview following letters they exchanged through interposed publications, mathematical and computer scientists Joseph N. Paulson and Paulo I. Costea give their point of view about metagenomics data processing and the impact of statistical analysis on biological interpretations.

[Read More](#)

Written by J. TAP



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## Metagenomics helps to assess the gut resistome

Elena Buelow gives us highlights on her work, published under Willem van Schaik's supervision, about the monitoring of patients in intensive care units to assess the selective digestive decontamination using a metagenomics approach.

[Read More](#)

Written by J. TAP



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## A role for gut microbiota in IBS

Seen on Nature Reviews - Gastroenterology & Hepatology  
By Collins SM - April 22, 2014

In this paper, the author shows the evidence in the role of gut microbiota in intestinal manifestations of IBS, but also in its psychiatric morbidity. In support of this paper, the author mentions studies in animals and clinical trials in humans.

[Read More](#)

Selected by J. TAP



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## Analyzing the human microbiome, a "how to" guide for physicians

Seen on The American Journal of Gastroenterology  
By Andrea D. Tyler, *et al.* - April 22, 2014

This review focuses on the analyses of microbiome and the impact of different factors on the interpretation of the results.

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Selected by J. TAP



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## Differential abundance analysis for microbial marker-gene surveys

Seen on Nature Methods  
By Joseph N. Paulson *et al.* - September, 2013

In this article, the authors propose an approach to normalization methods to get signal from complex omics.

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Selected by J. TAP



### EVENT

DIGESTIVE DISEASE WEEK 2014  
Chicago, Illinois - USA  
May 4-6, 2014



The Digestive Disease Week, largest meeting gathering GI professionals from around the world will this year take place at the McCormick place in Chicago, United States.

Physicians, researchers and academics who want to stay up-to-date in the field will discover the latest advances in gastroenterology, hepatology, endoscopy and gastrointestinal surgery, prevention, diagnosis and treatment of digestive disorders, and cutting-edge technological advances.

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Selected by J. TAP



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.

This message was sent from:

Gut Microbiota For Health | ESNM – European Society of Neurogastroenterology & Motility

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