



The place for scientific debate

The Gut Microbiota For Health Newsletter #9

June 20, 2013

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Dear Friends,

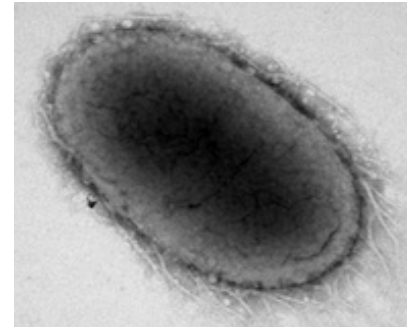
This week we have published a lot of exciting content on our platform gutmicrobiotaforhealth.com. First of all, the report wrapping up the Gut Microbiota for Health Summit 2013 that took place in Madrid has arrived! Together with it we wish to get your opinion, whether you attended it or not, on the next edition of the event that will take place in Miami, 8-9 March 2014. This week we have also interviewed the two first authors of the recently published *Akkermansia muciniphila* and its implications for Type 2 Diabetes and Obesity study. The authors explain how their findings hold promises for the future development of prevention and treatment of those pathologies. Another hint that the field of gut microbiota is moving towards treatment is the recent statement of the American Gastroenterological Association supporting the use of fecal transplant as a means to cure *C. difficile* infections. We will be expecting your feedback on our platform!

Written by Y. WINOGRADSKY

Akkermansia as a target for obesity: authors comment

Using mice models, scientists from [UCL](#) and [WUR](#) found that *Akkermansia muciniphila* could have a role in reversing high-fat diet-induced metabolic disorders, in this study obesity and type-2 diabetes. The two first authors, Amandine Everard and Clara Belzer, having respectively a background in Pharmaceutical Sciences and Molecular Microbiology accepted to give us their feedback on their main findings.

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Written by J. TAP



Summit Report GMFH 2013

The 2nd Gut Microbiota for Health Summit took place in Madrid from the 24th to the 26th of February, 2013. The event was co-organised by the [Gut Microbiota & Health section](#) of the [ESNM](#) and the [American Gastroenterological Association](#), with the support of Danone.

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Written by Y. WINOGRADSKY



Watch now online recordings of the ESNM meeting in Madrid!

The 2nd World Summit hosted by the Gut Microbiota & Health Section of the ESNM (European Society of Neurogastroenterology and Motility) - a member of UEG - took place in February in Madrid. Lectures, offered by leading experts presenting cutting-edge science, are available online now on UEG e-learning - anytime, anywhere.



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[Survey] The Upcoming GMFH 2014

The 3rd edition of the Gut Microbiota for Health Summit will take place on **March 8-9, 2014 in Miami, USA**. The event is currently being organized and we would like to get your opinion on ways to make it an even better Summit than its previous edition.

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Written by Y. WINOGRADSKY



[Symposium] The commensal microbiota: from homeostasis to disease

This two day public symposium held at the Collège de France, Paris, France, a partner of the Peter Wall Institute, was funded by the Peter Wall Institute for Advanced Studies Colloquium Abroad program at the University of British Columbia and co-sponsored by TORNADO. The main focus of the symposium was to detail recent advances as well as background information in the exciting and fast moving field of the study of microbiota.

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Written by Y. WINOGRADSKY



MetaHIT: exploring the human microbiome

Junjie Qin presents the MetaHIT project at the 13th Genomic Standards Consortium Meeting (GSC 13), hosted by BGI and held at Kingkey Palace Hotel, Shenzhen, China, March 4-7, 2012.

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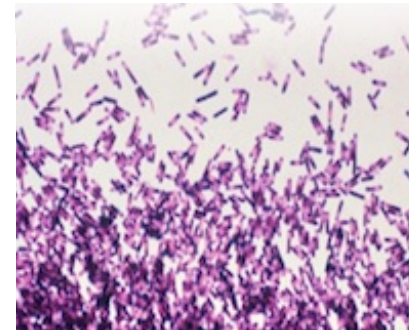


Fecal Microbiota Transplant is a Promising Treatment

A paper from The American Gastroenterological Association to support fecal transplant as a treatment for C difficile infections.

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Written by Y. WINOGRADSKY



Gut Bacteria Play Key Role in Vaccination

The bacteria that live in the human gut may play an important role in immune response to vaccines and infection by wild-type enteric organisms, according to two recent studies resulting from a collaborative effort between the University of Maryland School of Medicine Institute for Genome Science and the Center for Vaccine Development.

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Gut microbiota and metabolic disorders: how prebiotic can work?

Experimental data in animals, but also observational studies in obese patients, suggest that the composition of the gut microbiota differs in obese v. lean individuals, in diabetic v. non-diabetic patients or in patients presenting other diseases associated with obesity or nutritional dysbalance, such as non-alcoholic steatohepatitis. In the present review, we will describe how changes in the gut microbiota composition and/or activity by dietary fibres with prebiotic properties, can modulate host gene expression and metabolism.



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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.