

The Gut Microbiota For Health Newsletter #18 October 24, 2013

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Edito

Dear Friends,

This week's newsletter brings forward information about important events on gut microbiota.

First of those is this year's edition of the UEG week, which took place 12-16th October, 2013. We have referenced an entry on the dedicated topic from gutmicrobiotaforhealth.com that takes you to the e-learning section of the UEG website, where several videos from the event are available. Also slides from the Gut Microbiota and Management of Digestive Health Symposium can be found on our website.

Secondly the World Gastroenterology Organisation has recently announced that the 2014 edition of the World Digestive Health Day (May 29th, 2014) will be dedicated to the gut microbiota. Press releases of the announcement are to be found on the website.

Finally the registrations for the upcoming Gut Microbiota for Health Summit that will take place 8-9 March, 2014 in Miami are now open. We wish to enrich the news about the next GMFH Summit with an article published in the UEG Journal, "Hot Topics In Gut Microbiota", that wraps up exchanges of the previous edition.

Visit gutmicrobiotaforhealth.com and share your thoughts, comments and references with us.

Written by Y. WINOGRADSKY

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**. **Registrations for the event** are now open. We invite you to visit the **dedicated website** for more information on program, speakers and venue.

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Written by Y. WINOGRADSKY



World Digestive Health Day 2014: Gut Microbes Take Center Stage

Upcoming WDHD will focus on the gut microbiota – Opening up new horizons to improve human health.

(Shanghai, 23 September 2013) The huge diversity of the microbial life within our intestines is going to be the topic of next year's World Digestive Health Day (WDHD). Its motto will be "Gut Microbes – Importance in Health and Disease".

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The UEG Week 2013

The UEG week took place in Berlin (12-16 of October, 2013). You can have a look at their website for information.

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Functional Metagenomics Reveals Novel Pathways Of Prebiotic Breakdown By Human Gut Bacteria

Seen on [Plos One](#)

The human intestine hosts a complex bacterial community that plays a major role in nutrition and in maintaining human health. A functional metagenomic approach was used to explore the prebiotic breakdown potential of human gut bacteria, including non-cultivated ones.

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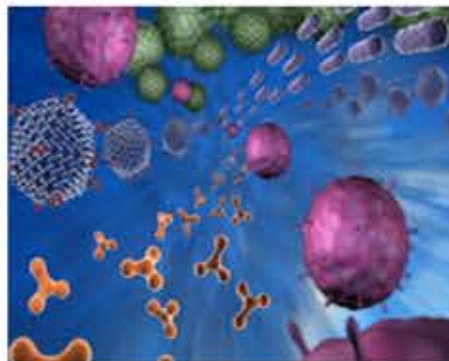
Microbiota-Mediated Colonization Resistance Against Intestinal Pathogens

Seen on [Nature Reviews](#)

Commensal bacteria inhabit mucosal and epidermal surfaces in mice and humans, and have effects on metabolic and immune pathways in their hosts. Recent studies indicate that the commensal microbiota can be manipulated to prevent and even to cure infections that are caused by pathogenic bacteria, particularly pathogens that are broadly resistant to antibiotics, such as vancomycin-resistant Enterococcus faecium, Gram-negative Enterobacteriaceae and Clostridium difficile.

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The Environment Within: Exploring The Role Of The Gut Microbiome In Health And Disease

Seen on [Environmental Health Perspectives](#)

The human genome codes for approximately 23,000 genes, yet some experts have suggested that the total information coded by the human genome alone is not enough to carry out all of the body's biological functions.

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Hot Topics In Gut Microbiota

Seen on [UEG Journal](#)

The study of gut microbiota is a rapidly moving field of research, and the impact of gut microbial communities on human health is widely perceived as one of the most exciting advancements in biomedicine in recent years. The gut microbiota plays a key role in digestion, metabolism and immune function, and has widespread impact beyond the gastrointestinal tract.

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