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GUT MICROBIOTA FOR HEALTH

Experts Exchange

THE PLACE FOR SCIENTIFIC DEBATE

The Gut Microbiota For Health Newsletter #48

January 8, 2015

Join us



Edito

Dear Friends,

It's the beginning of a new year! We are pleased to tell you that our community of gut microbiota experts is stronger than ever before! We now have over 1,000 members on gutmicrobiotaforhealth.com. Our Twitter account has more than 2,000 followers, and the LinkedIn group is not far behind, with 1,990 members. The growing number of contributions and voices helps the scientific ideas on gut microbiota continue to advance.

This newsletter brings you several items related to the gut-brain axis. First, Dr. Emeran Mayer speaks about the complexities of gut-brain research, especially the translation of results "from mice to men". Then, Dr. Filip Scheperjans from Finland explains in detail his hot-off-the-press research on the gut microbiota and Parkinson's disease. Dr. Paul Enck then writes about the significance of Scheperjans' work, asking whether Parkinson's disease may originate in the gastrointestinal tract.

Finally, we bring you a selection related to the study of human immunodeficiency virus, type 1 (HIV-1), where researchers found that commensal bacteria, as part of the preinfection 'environment', may play critical roles in shaping the response to HIV-1.

We wish you a very happy new year!

The GMFH publishing team

Dr. Emeran Mayer, on the Complexities of Gut-Brain Research

Dr. Emeran Mayer, an expert on the clinical and neurobiological aspects of the gut-brain axis, is Professor at UCLA. Dr. Mayer spoke at the Harvard Probiotics Symposium in 2014; here, he expands upon his presentation by answering some questions about his area of research.

[Read more](#)

Written by P. Enck



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Gut Microbiota in Parkinson's Disease

Our findings (Scheperjans *et al.* 2014) may point to a role of gut microbiota in Parkinson's disease (PD) and suggest that microbiome analysis could be useful as a biomarker for PD diagnostic.

[Read more](#)

Written by F. Scheperjans



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Is Parkinson's Disease a Gastrointestinal Disorder, with Microbiota Contribution?

The mechanism of Parkinson's disease (PD) is well known but its origin is far from being completely understood. The fact that among the prodromal signs of PD are constipation and a number of other symptoms that occur years before the onset of movement disorders has given rise to the idea that a peripheral origin may exist.

[Read more](#)

Written by P. Enck



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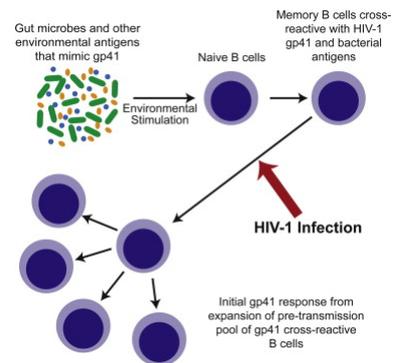


What Shapes HIV-1 Envelope gp41 Antibody Response?

In this article, published in *Cell Host & Microbe*, researchers looked at what shaped gp41 antibody response to HIV-1.

[Read more](#)

Written by K. Campbell



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