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The Gut Microbiota For Health Newsletter #29

April 17, 2014

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Dear Friends,

In this week's newsletter, we propose you to discover our expert in Trends & Discoveries and Head of the Board, Prof. Joël Doré through a portrait interview. We also offer you a look back at the #GMFH2014 with the Summit Webcast: a free replay of the plenary sessions and workshops wrap-ups. To continue with exclusive content, Dr Tom van den Bogert answered our questions and presented his work conducted in TIFN framework regarding the small intestine microbiota. On top of these articles, we selected a range of content from the web and announce you that the registration for the ENGIHR conference are now open.

First, we provide you the link to the UEG president's interview highlighting some of the biggest issues facing gastroenterology and hepatology. Then, we selected a review raising an innovative concept that links the state of gut with our state of mind. Another selection points out a study describing how scientists used bacteria to cover the activity of the gut, turning them into reporters. Finally, we found a useful database, Metaref, providing a non redundant resources of reference gene catalog useful for gut metagenomics analysis.

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

Portrait of Dr Joël Doré, chair of GMFH Science Team

Dr Joël Doré is chair of the Gut Microbiota for Health Science Team, as well as expert in Trends & Discoveries. We are pleased to present him to you through a portrait article, in which you will find his biography and an interview about the field of gut microbiota.



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Written by Y. WINOGRADSKY



The #GMFH2014 webcast

On this page, the Gut Microbiota for Health publishing team provides you with a free replay of the plenary sessions and workshops' wrap-ups of the #GMFH2014 Summit which took place from March 8th to March 9th, 2014 in Miami.



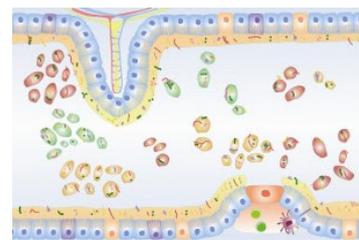
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Written by P-Y. ARNOUX



Small intestine microbiota and big omics challenges

Dr Tom van den Bogert focused his research on small intestinal microbiota combining cutting edge omics method like metagenomics. He accepted to give us more detailed information about his work conducted in TIFN framework. We advise our readers to follow him on twitter @TomvandenBogert.



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Selected by J. TAP



2014 ENGIHR conference: the gut microbiota throughout life

The registration for the 2014 ENGIHR Conference - The Gut Microbiota Throughout Life – is now open. The conference will take place on September 24 to 26, 2014 at the Max Rubner Institute, Karlsruhe, Germany.

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Written by P-Y. ARNOUX



Michael Farthing, UEG President: "A gut feeling"

Seen on United European Gastroenterology

In a recent article of the Pan European Networks UEG President, Michael J G Farthing, outlines some of the biggest issues facing gastroenterology and hepatology and how the UEG is already working to meet these challenges.

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Selected by Y. WINOGRADSKY



How the gut microbiota plays with your mind

Seen on J. Physiol

This article makes the review about the circuit between the brain and the gut with the microbiota as a key player. They propose an innovative concept with "the state of gut" related which could be related to the state of mind. There are some evidences that the central nervous system influence the microbiota but there are also studies showing that microbiota could influence nervous system via some microbial metabolites.

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Metaref: a pan-genomic database for comparative and community microbial genomics

Seen on Nucleic Acids Research

MetaRef, available at <http://metaref.org>, is a novel online resource systematically cataloguing a comprehensive pan-genome of all microbial clades with sequenced isolates. For instance, MetaRef provides a non redundant resources of reference gene catalog useful for gut metagenomics analysis.

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Selected by J. TAP



How to turn gut bacteria into journalists

Seen on Not Exactly Rocket Science

Science writer Ed Yong tells us about how scientists engineer bacteria to cover the activity of the gut, turning them into reporters. In this example, scientists use E.coli to detect and remember the presence of antibiotics. This can be monitored in the rodents' faeces used for the study. Yong shows how this simple application is a hint for the future applications of synthetic biology.

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Selected by Y. WINOGRADSKY



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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