

European Network for Gastrointestinal Health Research (ENGIHR)

March 2014 Newsletter

2014 ENGIHR Conference

The Gut Microbiota Throughout Life

The Max-Rubner Institute, Karlsruhe, Germany
September 24th -26th

This is the final conference of the ENGIHR programme and will be hosted by Professor Bernhard Watzl of the MRI. Sessions will focus on the establishment of the gut microbiota in early life, the maintenance and stability of the gut microbiota during adulthood (with respect to diet), and changes in the gut microbiota during ageing. A provisional programme, together with registration and travel grant application forms are available on the ENGIHR website.



ENGIHR Reviews

To mark the end of the ENGIHR Networking Programme, we are coordinating a series of reviews to be published as a journal supplement in "Microbial Ecology in Health and Disease", an open-access journal.

The range of topics in the reviews will reflect the scope of expertise within the Network and should be a timely publication for the gut health field.

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HEALTH RESEARCH

Speakers for 2014 Conference include:

Maria Jenmalm (Linköping University, Sweden)
Kieran Tuohy (Fondazione Edmund Mach, Trento, Italy)
Charles Franz (Max-Rubner Institute, Karlsruhe, Germany)
Gemma Walton (University of Reading, UK)
Jan Knol (Wageningen University, The Netherlands)

Maria Carmen Collado (IATA-CSIC, Valencia, Spain)
Anne Salonen (University of Helsinki, Finland)
Collin Hill (Alimentary Pharmabiotic Centre, Cork, Ireland)
Sylvia Duncan (Rowett Institute, Aberdeen, UK)
Miguel Gueimonde (IPLA-CSIC, Villaviviosa, Spain)

Keynote Speaker: **Liping Zhao** (Shanghai Center for Systems Biomedicine, China)

Upcoming Events

- **April 9-11, 2014. 6th European Spores Conference (including sessions on probiotic spores)**, hosted by Royal Holloway, University of London, UK. sporesconference.com
- **April 14-16, 2014. Exploring Human Host-Microbiome Interactions in Health and Disease**. Wellcome Trust Scientific Conference, Hinxton, Cambridge, UK. https://registration.hinxton.wellcome.ac.uk/display_info.asp?id=409
- **May 9-11, 2014. International Probiotics Association (IPA) World Congress**, Athens, Greece. www.internationalprobiotics.org/event/ipa-world-congress-2014
- **May 29, 2014. World Digestive Health Day 2014 - The Gut Microbes - Importance in Health & Nutrition**. www.worldgastroenterology.org/world-digestive-health-day-year.html
- **June 16-19, 2014. Microbiology: from sequence to function**. Sponsored by Rowett-INRA, Aberdeen, Scotland. www.abdn.ac.uk/events/rowett-inra2014/
- **June 19th 2014. Translational Science Masterclass**. British Society of Gastroenterology. Manchester, UK. <http://www.bsg2014.org.uk/contentPage.aspx?PageID=GUTLITSM>
- **June 24-26, 2014. International Scientific Conference on Probiotics and Prebiotics – IPC2014**. Budapest, Hungary. www.probiotic-conference.net
- **September 22-24, 2014. 3rd International Conference and Exhibition on Probiotics, Baby & Functional Foods**, Naples, Italy. <http://probiotics2014.conferenceseries.net>
- **September 24-26, 2014. ENGIHR Conference**, Karlsruhe, Germany. www.engihr.eu

Recent Publication Highlights

Check out <http://gutmicrobiotaforhealth.com> for microbiota news!

- The treatment-naïve microbiome in new-onset Crohn's disease.** Gevers D, *et al.* Cell Host Microbe. 2014 Mar 12;15(3):382-92.
- Impact of a very low-energy diet on the fecal microbiota of obese individuals.** Simões CD, *et al.* Eur J Nutr. 2013 Dec 31.
- Protein Quality and the Protein to Carbohydrate Ratio within a High Fat Diet Influences Energy Balance and the Gut Microbiota in C57BL/6J Mice.** McAllan L, *et al.* PLoS One. 2014 Feb 10;9(2):e88904.
- The way to a man's heart is through his gut microbiota' - dietary pro- and prebiotics for the management of cardiovascular risk.** Tuohy KM, *et al.* Proc Nutr Soc. 2014 Feb 4:1-14.
- Norovirus Triggered Microbiota-driven Mucosal Inflammation in Interleukin 10-deficient Mice.** Basic M, *et al.* Inflamm Bowel Dis. 2014 Jan 30.
- You are what you host: microbiome modulation of the aging process.** Heintz C, Mair W. Cell. 2014 Jan 30;156(3):408-11.
- The human microbiome and bile acid metabolism: dysbiosis, dysmetabolism, disease and intervention.** Jones ML, *et al.* Expert Opin Biol Ther. 2014 Jan 30.
- Gut microbiota: Microbial metabolites feed into the gut-brain-gut circuit during host metabolism.** Ray K. Nat Rev Gastroenterol Hepatol. 2014 Feb;11(2):76.
- Fecal microbiota transplantation: the state of the art.** Di Bella S, *et al.* Infect Dis Rep. 2013 Nov 27;5(2):e13.
- The gut microbiota and the metabolic health of the host.** Joyce SA, Gahan CG. Curr Opin Gastroenterol. 2014 Mar;30(2):120-7.
- Selecting age-related functional characteristics in the human gut microbiome.** Lan Y, *et al.* Microbiome. 2013 Jan 9;1(1):2.
- Effect of diet on the intestinal microbiota and its activity.** Zoetendal EG, de Vos WM. Curr Opin Gastroenterol. 2014 Mar;30(2):189-95.
- Microbiota-Generated Metabolites Promote Metabolic Benefits via Gut-Brain Neural Circuits.** De Vadder F, *et al.* Cell. 2014 Jan 16;156(1-2):84-96.
- Diet rapidly and reproducibly alters the human gut microbiome.** David LA, *et al.* Nature. 2014 Jan 23;505(7484):559-63.
- Diet and the Intestinal Microbiome: Associations, Functions, and Implications for Health and Disease.** Albenberg LG, Wu GD. Gastroenterology. 2014 Feb 3. pii: S0016-5085(14)00149-8.
- Jan 28th Issue of Gastroenterology:
- 'Meta'omic Analytic Techniques for Studying the Intestinal Microbiome.** Morgan XC, Huttenhower C.
- Manipulation of the Microbiota for Treatment of IBS and IBD-Challenges and Controversies.** Shanahan F, Quigley EM.
- Compositional and Functional Features of the Gastrointestinal Microbiome and Their Effects on Human Health.** Hollister EB, Gao C, Versalovic J.