



BioBio Seura järjestää maaliskuun 18 päivänä, 2015 Helsingin Messukeskuksessa, Salissa 1A, ChemBio 2015 tapahtuman yhteydessä tieteellisen symposiumin aiheesta:

Suolistobakteerisi päättävät terveydestäsi: totta vai tarua?

BioBio Society arranges on March 18th, 2015 at the Helsinki Convention Center, Hall 1A, in collaboration with the ChemBio 2015 exhibition a scientific symposium with the title:

Your Gut Microbiota is controlling your health: truth or myth?

Tule kuulemaan asiantuntijoiden näkemyksiä meitä kaikkia läheisesti koskettavasta ja kiinnostavasta päivän polttavasta aiheesta.

Please join us to learn what the experts tell us about one of the hottest scientific topics of today.

PRELIMINARY PROGRAM (lectures are held in English language):

09.00 - 09.15 Introduction and Welcome. (Marc Baumann, President of the Finnish Society for Biochemistry, Biophysics and Microbiology)

09.15 - 09.55 Inflammatory bowel diseases – slowly becoming a worldwide problem? (Airi Jussila, Tampere University Hospital)

This introductory lecture describes how inflammation of the bowel is slowly interfering with the life of more and more of our younger generation and how it has reached a level of being a real public health problem. The lecture will also address the main types of inflammatory bowel diseases reflecting such conditions. Finally, it will highlight the possible role of the microbiota to such conditions.

09.55 - 10.35 What are microbes and what do they have to do in a Human? (Anne Salonen, Helsinki University)

This lecture describes what microbes are and how do they live in Humans. It will also describe the role of microbes in Human lifespan from birth to death. After this lecture the audience should know what the microbiota of human gut is doing and how.

10.35 - 10.50 Coffee and refreshments

10.50 - 11.30 Diet, microbes and gut in autoimmune type 1 diabetes. (Arno Hänninen, Turku University)

This lecture describes how microbes can influence even diseases secondary to the direct effect of the microbiota and the gut. What is the possible connection of the food you eat, the microbiota and diabetes?

11.30 - 12.10 'The Good, the Bad and the Ugly - Evolution of the bacteria in and around us'. (Jukka Corander, Helsinki University)

This lecture describes how evolution has changed the thousands of bacteria in our body and how to make any sense out of this terribly mess. How do we know that the microbiota has an influence to our health and how do we know which of all the bacteria are responsible of what?

12.15 - 13.30 Lunch and Exhibition

13.30 - 14.10 How does a Fecal microbiota transplantation work? (Reetta Satokari, Helsinki University)

This lecture describes how a fecal transplantation works and what are the effects of such. You will learn how a simple "natural" treatment can help to fight intestinal diseases.

14.10 - 14.50 Environmental biodiversity, human microbiota, and allergies. (Tari Haahtela, Helsinki Academic Medical Center)

This lecture describes the link between environmental biodiversity, human microbiota and the allergies. Is there a link and if yes, what is the evidence that allergies are linked to our microbiota and the food we take? Also, is it good to eat "whatever" is on the ground? Should parents let children get contaminated with ingredients of the soil and should they give a dropped pacifier back to the child without sterilization?

14.50 - 15.05 Coffee and refreshments

15.05 - 15.45 What is the real role and efficiency of probiotics? (Arthur Ouwehand, DuPont Corporation)

This lecture describes the role of probiotics in human health. What is the actual effect of probiotics we might take supplemental to our food?

15.45 - 16.00 Closing remarks and summary of the day. (Marc Baumann, President of the Finnish Society for Biochemistry, Biophysics and Microbiology)