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Inside out: the impact of gut flora on diabetes and obesity

**Cutting-edge European research presented
at the 2014 AAAS meeting in Chicago**

Three leading European researchers on the gut microbiome will be present at the 2014 AAAS meeting, on Saturday 15 February, to share their recent findings on the relations between gut flora and obesity, diabetes, and cardio-metabolic diseases in general. Their findings are at the cutting-edge of one of the most innovative and challenging areas of biomedical research and could make a vital contribution to the fight against obesity and diabetes.

In recent years, the 1.5 kilos of bacteria that live inside our bodies, mainly in the gut, have proven their crucial importance for our healthy functioning. Beyond their more obvious role in digestion, they are also involved, for example, in the development of the immune system and the neuronal system, and in the onset of certain diseases.

The panellists will be available for interviews on the phone before and after the session.

Sven Pettersson - Professor, Karolinska Institutet, Sweden

How Early Life Gut Flora May Contribute to Obesity and Diabetes Later in Life

<http://ki.se/ki/jsp/polopoly.jsp?d=2693&l=en>

Oluf B. Pedersen – Professor, University of Copenhagen, Denmark

Links Between Human Gut Microbiota and Metabolic Pathologies

http://metabol.ku.dk/scientific_sections/metabolic_genetics/oluf_borbye/

Karine Clément - Professor, Institute of Cardiometabolism and Nutrition, and National Institute of Health and Medical Research (Inserm), France

Functional Genomics of Human Obesity Related to Cardiometabolic Diseases

<http://www.metacardis.eu/content/prof-karine-clement>

Discussant: Jenny Leonard – Editor, Futurity.org, USA

<http://www.futurity.org/>

About this session: <http://aaas.confex.com/aaas/2014/webprogram/Session6938.html>

When? Saturday, 15 February 2014 - 1:00 PM to 2:30 PM

Where? Grand Ballroom C North (Hyatt Regency Chicago)

About the 2014 AAAS annual meeting in Chicago – Feb 13-17

The AAAS Annual Meeting is a widely recognized general science event. Thousands of leading scientists, engineers, educators, policymakers, and journalists gather from around the world to discuss recent developments in science and technology. The 2014 theme, *Meeting Global Challenges: Discovery and Innovation*, focuses on finding sustainable solutions through inclusive,

international, and interdisciplinary efforts that are most useful to society and enhance economic growth.

About CommHERE

CommHERE - www.commhere.eu - aims to increase awareness of the activities and outcomes of the various health research projects funded by the European Union. The CommHERE consortium comprises nine research institutions in six European countries, ensuring close connection with active health researchers. Stay in touch with European research with www.horizonhealth.eu