ON LINE TALKS
SPEAKERS

12th European Nutrition Conference
FENS 2015
Berlin | Germany | October 20 - 23

Berthold V. Koletzko

University-Professor Dr. med. (MD) Dr. med. habil (PhD)
Dr. h.c.mult. Professor h.c.
•Professor of Paediatrics
Ludwig-Maximilians-University of Munich, Germany
•Head, Div. Metabolic & Nutritional Medicine,
Dr. von Hauner Children's Hospital,
Univ. of Munich Medical Center

Scientific publications:
•888 journal articles (15 096 times cited, H-index 61), 202 book chapters, 34 books/monographies.

Leadership roles:
•President, European Society Paediatric Gastroenterology, Hepatology & Nutrition (www.espghan.org)
•Co-ordinator, EU FP7 EarlyNutrition Project (project-earlynutrition.eu)
•Co-ordinator, ESPEN Network Project on Disease Associated Malnutrition in Children
•Managing Director, Early Nutrition Academy (www.early-nutrition.org)
•Chair, Committee on Nutrition, German Society Paediatrics (www.dgkj.de)
•Chair, Child Health Foundation (www.kindergesundheit.de/)
•Member, Central Grant Review Board Medicine, German Research Council (www.dfg.de)
•Chair, Scientific Committee, National Network Young Families (www.gesund-ins-leben.de)
•Board Member, German Platform Nutrition and Physical Activity (www.pebonline.de)
•Board Member, International Society f. t. Study of Fatty Acids and Lipids (www.issfal.org)
•Member, Center of Advanced StudiesLMU, University of Munich
•Member, Munich Center of Health Sciences
Current peer-reviewed research funding
•European Commission DG Research and Innovation
•European Research Council
•German Research Council (DFG)
•Bundes¬ministerium f. Bildung u. Forschung / German Federal Ministry of Education and Research
•Bavarian Ministry for Nutrition, Agriculture and Forestry
•Bavarian Ministry of Health and Environment
•Norwegian Seafood Council
Scientific journal editor:
•Editor in Chief, Annals Nutrition & Metabolism
•Editor in Chief, World Review of Nutrition and Dietetics
•Associate Editor, Current Opinion Clin Nutrition Metabolic Care
•Associate Editor, Monatsschrift Kinderheilkunde

Helene McNulty

Professor Helene McNulty,
PhD RD MRIA.

Having graduated in Human Nutrition from Trinity College Dublin (BSc and PhD), and from the Dublin Institute of Technology (Diploma in Dietetics), Helene McNulty worked for 2 years as a Nutritionist in the Kellogg Company in Manchester UK before joining Ulster University in 1992. She was appointed to her present post, Professor in Human Nutrition & Dietetics, in 2001. She was elected as member of the Royal Irish Academy (MRIA) in 2008.

Professor McNulty leads the Folate and B vitamins Group within the Northern Ireland Centre for Food & Health (NICHE) at Ulster. The purpose of her research is to provide greater understanding of nutrition-related health issues, to achieve tangible impact to facilitate policy aimed at disease prevention, and to drive innovation activities. To date she has published 120 peer-reviewed scientific articles and has raised external grant income for nutrition research at Ulster totaling over €10 million. Apart from managing a large research group, Helene is actively involved in lecturing in Food, Nutrition and Dietetics at undergraduate and masters levels, and supervising research students to PhD level.

Steven N. Blair

Steven N. Blair is Professor in the Departments of Exercise Science and Epidemiology and Biostatistics at the Arnold School of Public Health, University of South Carolina.

Dr. Blair is a Fellow in the American College of Epidemiology, Society for Behavioral Medicine, American College of Sports Medicine, American Heart Association, and American Kinesiology Academy; and was elected to membership in the American Epidemiological Society.

Dr. Blair is a past-president of the American College of Sports Medicine (ACSM), National Coalition for Promoting Physical Activity, and the American Kinesiology Academy. Dr. Blair is the recipient of three honorary doctoral degrees--Doctor Honoris Causa degree from the Free University of Brussels, Belgium; Doctor of Health Science degree from Lander University, U.S.; and Doctor of Science Honoris Causa, University of Bristol, UK. He has received awards from many professional associations, including a MERIT Award from the National Institutes of Health, ACSM Honor Award, Population Science Award from the American Heart Association, and is one of the few individuals outside the U.S. Public Health Service to be awarded the Surgeon General's Medallion. He has delivered lectures to medical, scientific, and lay groups in 48 states and 50 countries. His research focuses on the associations between lifestyle and health, with a specific emphasis on exercise, physical fitness, body composition, and chronic disease. He has published more than 700 papers and chapters in the scientific literature, and is one of the most highly cited exercise scientists with over 47,000 citations to his body of work, and an h-Index of 100. He was the Senior Scientific Editor for the U.S. Surgeon General's Report on Physical Activity and Health.

Paul O'Toole

Paul O'Toole is now Professor of Microbial Genomics at University College Cork, Ireland.

His main research theme is the genomics of gastrointestinal bacteria in humans with emphasis on commensal species and host interaction. In recent years he has co-ordinated and participated in several major projects that examine the composition and function of the gut microbiota, its interaction with habitual diet, and its relationship to health, functional gastrointestinal disorders, and ageing. The ultimate aim of these investigations is to develop novel therapeutics, foods and food ingredients to programme the intestinal microbiota towards promoting health. He co-ordinated ELDERMET (eldermet.ucc.ie), a nationally funded project that established diet-microbiota health interactions in 500 elderly persons, and he leads a project called ELDERFOOD that is investigating dairy-derived foods for healthy aging. He is a Principal Investigator in the Alimentary Pharmabiotic Centre (apc.ucc.ie), in which he leads projects on microbiota in aging, and lactobacillus genomics. He leads the metagenomics workpackage in NuAge, an EU FP7 project on microbiota in the elderly that is anchored by University of Bologna. He is a partner in MyNewGut, another European Union project on gut microbiota, diet and behaviour in infants anchored by CSIC Valencia. As well as national and European agencies, his lab in Cork is also supported by the US NIH (oral microbiome and childhood caries; anchored by NYU). He has published over 150 articles and has an H-index of 38 (Web of Science). He has delivered >200 conference presentations.

Scientific detail.
Employ comparative and functional genomics to study host-microbe interaction, through programmes on lactobacilli and the innate immune system (TLRs; ligands); lactobacillus as oral and opportunistic pathogens (NYU and the WT Sanger Centre); motility and flagellum assembly in lactobacilli, enterococci, and H. pylori. Also collaborate with the Rowett Centre/Univ. Aberdeen in establishing genetic systems for anaerobic gut commensals.

Extended from reductionist models of host-microbe interaction to intestinal metagenomic analyses, which generate hypotheses that leverage smarter reductionist studies. In 2007, I started the ELDERMET project (eldermet.ucc.ie) investigating diet-microbiota health interactions in 500 subjects >65 years. Simultaneously, we used our microbiota platform to determine the microbiota changes in a Swedish cohort of Irritable Bowel Syndrome patients. We provocatively suggested [22180058] stratification of IBS subjects into normal microbiota but higher anxiety and depression, or altered microbiota, thus potentially explaining the low therapy response rate and high placebo response rate in IBS. We are extending this to several hundred IBS patients in Cork, and we are about to conduct an open label antibiotic therapy trial stratified by microbiota composition.