

◎ Program (tentative)

09:00-	Registration		
09:00-10:10	English Oral Presentation (Graduate Students)	Invited Young Scientists Research Presentations I¹⁾	Invited Young Scientists Research Presentations II²⁾
10:10-10:20	Break		
10:20-10:40	Opening		
10:40-11:20	Plenary Lecture I Microbiome and metabolic disease - Dr. Karine Clément (University Pierre and Marie Curie, France)		
11:20-12:00	Plenary Lecture II Nutrition and the gut microbiome: Whose diet is it? <i>Interrogating diet-microbiome interactions in human feeding studies</i> - Dr. Johanna Lampe (Fred Hutchinson Cancer Research Center, USA)		
12:00-13:40	Science and Engineering Graduate Students Support Program Dr. Hui-Seung Kang (Ministry of Food and Drug Safety)	General Assembly	
	Session 1 Special Lectures	Session 2 Precision nutrition and the microbiome	Session 3 Gut microbiome associated diseases
13:40-14:10	Consensus on the role of dietary fats and cardiovascular disease Dr. Julie Lovegrove (President, The Nutrition Society, UK Univ. of Reading, UK)	Characteristics of Korean gut microbiome revealed by next-generation sequencing analysis Dr. Young-do Nam (Korea Food Research Institute)	Gut microbiota and fat liver diseases Dr. GwangPyo Ko (Seoul Nat'l Univ.)
14:10-14:40	Bifidobacterial commensals colonize the infant gut microbiome to metabolize human milk oligosaccharides and non-protein nitrogen Dr. David A. Sela (Univ. of Massachusetts Amherst, USA)	Nutritional and metabolic characteristics of Korean gut microbiome Dr. Ji-Hee Shin (Korea Food Research Institute)	Correlation of attention deficit hyperactivity disorder with gut microbiota according to dietary intake of Korean elementary school children Dr. Kyoung-Sik Han (Sahmyook Univ.)
14:40-15:10	Vitamins and gut health: Digesting the latest science Dr. Robert Steinert (DSM Nutritional Product/University of Zurich, Switzerland)	Evaluation of anticancer effects and microbiome study of probiotics and synbiotics in vivo animal and human models Dr. Ju-Hoon Lee (Kyung Hee Univ.)	Anti-obesity and anti-inflammatory effects of seaweed associated with modulation of gut microbiota Dr. Tatsuya Unno (Jeju Nat'l Univ.)
15:10-15:30	Break		
	Session 4 Korean diet and the human gut microbiome	Session 5 Nutritional application in skin and oral microbiome	Session 6 Analysis and application of microbiome research
15:30-16:00	Hanitual diet and gut microbiota in Koreans Dr. Dong-Mi Shin (Seoul Nat'l Univ.)	Study on the Role of Human Skin Microbiome and Cosmetic Trend Dr. Dong-Geol Lee (Cosmax)	Microbiome research trend using AI Dr. Yongju Ahn (Theragen Etex)
16:00-16:30	Diet, physical activity, and gut microbiota in Korean adults Dr. Hwayoung Noh (INSERM & IARC-WHO, France)	Oral microbiota-epithelium crosstalk regulates local and distal carcinogenesis Dr. Na-Young Song (Yonsei Univ.)	Gut microbiome analysis technique and probiotics safety Dr. Woo-Ri Kwak (Hoonygen)
16:30-17:00	Experimental considerations on designing a human microbiome study Dr. Sangnam Oh (Jeonju Univ.)	Impact of vitamin D on the oral microbiome Dr. Eunmi Park (Hannam Univ.)	Plan for food industry expansion with microbiome Dr. Sookjin Lee (Macrogen)
17:00-17:30	Award Ceremony & Closing		

※ The schedule may be subject to change.

1) Invited Young Scientists Research Presentations I

9:00~9:15	Ellagic acid prevents binge alcohol-induced gut leakiness and hepatic damage through modulating gut microbiota Young-Eun Cho (Andong Nat'l Univ.)
9:15~9:30	Pharmacokinetics, gut microbiota modulation and anti-inflammatory activities of mango (<i>Mangifera Indica</i> L.) consumption in lean and obese individuals Hyemee Kim (Busan Nat'l Univ.)
9:30~9:45	The interaction between dietary patterns and gastric microbiome in the risk of gastric cancer Madhawa Neranjan Gunathilake (Graduate School of Cancer Science and Policy)
9:45~10:00	2'-Fucosyllactose supplementation improves gut-brain signaling and obese phenotype, and changes the gut microbiota in high fat-fed mice Sunhye Lee (Sun Moon Univ.)

2) Invited Young Scientists Research Presentations II

9:00~9:15	Health impact and cost-effective of volume, tiered, and absolute sugar content sugar-sweetened beverage tax policies in the United States: a microsimulation study Yujin Lee (Myonggi Univ.)
9:15~9:30	Discovery of nutraceuticals in folate and iron metabolisms Minhye Shin (Seoul Nat'l Univ.)
9:30~9:45	Blockade of high glucose-induced glomerular fibrosis by tangeretin through inducing autophagy Min Kyung Kang (Hallym Univ.)
9:45~10:00	p-Coumaric acid attenuates the hepatic steatosis and inflammation with mitochondrial activation in vitro and in vivo Inhae Kang (Jeju Nat'l Univ.)