

# 1<sup>st</sup> ISM Symposium on Food & Microbiota 2018

June 14, 2018 – Paris, France

## Table of Contents

<b>General introduction on gut microbiota: Can food modulate the diversity of the microbiota?</b>	
<i>Marvin Edeas.....</i>	5
<b>Integrated analysis of food, microbiome and metabolome signatures that reduce gut inflammation across the lifespan</b>	
<i>Elizabeth Ryan .....</i>	6
<b>Links between diet and specific functions of gut microbiota affecting host health</b>	
<i>Marius Vital.....</i>	7
<b>The gut microbiome: a link between nutrition, obesity and heart disease-</b>	
<i>Ana Valdes .....</i>	8
<b>How food, the gut microbiota and its metabolites impact on bones</b>	
<i>Mario Zaiss .....</i>	9
<b>Considerations when faced with choosing probiotics for clinical, research or commercial usage: navigating and understanding the options and implications-</b>	
<i>Jessica Younes .....</i>	19
<b>The gut microbiota metabolism of polyphenols and correlation with cardiometabolic risk biomarkers</b>	
<i>Victoria Selma .....</i>	20
<b>Functional food for the skin and microbiota rejuvenation</b>	
<i>Ivan Petyaev.....</i>	21
<b>Microbiota and food regulatory aspects: the current situation, trends and perspective</b>	
<i>Stoffer Loman .....</i>	30
<b>Improve gut microbiota with optimal fiber cocktail</b>	
<i>Kätrin Karu.....</i>	31
<b>Metabolism of cyanidin 3-O-glucoside by human intestinal bacteria</b>	
<i>Zuzana Matuskova .....</i>	37
<b>The impact of deep freezing of lactic acid bacteria cultures on their antifungal properties</b>	
<i>Reda Riesute .....</i>	38
<b>Microbiome and diet in scalp disease: the example of alopecia areata</b>	
<i>Daniela Pinto .....</i>	39