

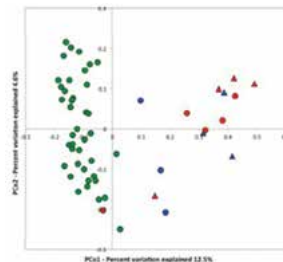


Prof. MORITA Hidetoshi



Study on human gut microbiota to contribute for health

1. Research history and analytical methods of gut microbiota
2. Gut microbiota and the bacterial composition and diversity of human gut microbiota
3. Symbiosis with the host of the gut microbiota
4. Effect of food ingredients on the human gut microbiota
5. Gut microbiota and disease (effect of gut microbiota to host)
6. Metagenome analysis and gene function of gut microbiota



Research on probiotics/prebiotics effects and complete genome analysis of lactic acid bacteria and bifidobacteria



A scanning electron microscope (SEM) photograph of this lactic acid bacterium whose complete genome was analyzed by me.

1. Complete genome analysis of lactic acid bacteria and bifidobacteria
2. Functional bacterial genome analysis
3. Research on probiotics/prebiotics effects by using gnotobiotic mice
4. Effect of dietary fiber as prebiotics

