University of Shizuoka and Kao have achieved steady and excellent achievements in tea-related studies

Tea-related research by University of Shizuoka

- No. of presented papers: 237 (DB: Scopus)
- No. of patent applications: 26
- Main papers presented:
  1. Tea catechins prevent the development of atherosclerosis in apoprotein E-deficient mice
  2. Green tea polyphenols inhibit the sodium-dependent glucose transporter of intestinal epithelial cells by a competitive mechanism
  3. The inhibitory effects of tea polyphenols (flavan-3-ol derivatives) on Cu2+ mediated oxidative modification of low density lipoprotein

Tea-related research by Kao Corporation

- No. of presented papers: 42 (DB: Scopus)
- No. of patent applications: 360
- Main papers presented:
  1. Beneficial effects of tea catechins on diet-induced obesity: Stimulation of lipid catabolism in the liver
  2. Ingestion of a tea rich in catechins leads to a reduction in body fat and malondialdehyde-modified LDL in men
  3. A green tea extract high in catechins reduces body fat and cardiovascular risks in humans
     Nagao, T., Hase, T., Tokimitsu, I., Obesity 2007 (Cited in 154 papers)