

Development of novel strategy for preventing hearts disease by oral treatment with special probiotics secreting short chain fatty acids

開發用分泌短鏈脂肪酸的特殊益生菌口服治療預防心臟病的新策略

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We aimed to develop novel strategy for preventing hearts disease by oral treatment with special probiotics secreting short chain fatty acids. We have successfully created the probiotics which can release SCFAs constantly in the gut, and demonstrated that it can promote the prevention of myocardial injury in the rat. We further identified the underlying mechanism of the probiotics in preventing heart disease. We are now drafting the manuscript and attempting to file the patent for this new probiotics and their functions in prevention of heart diseases.