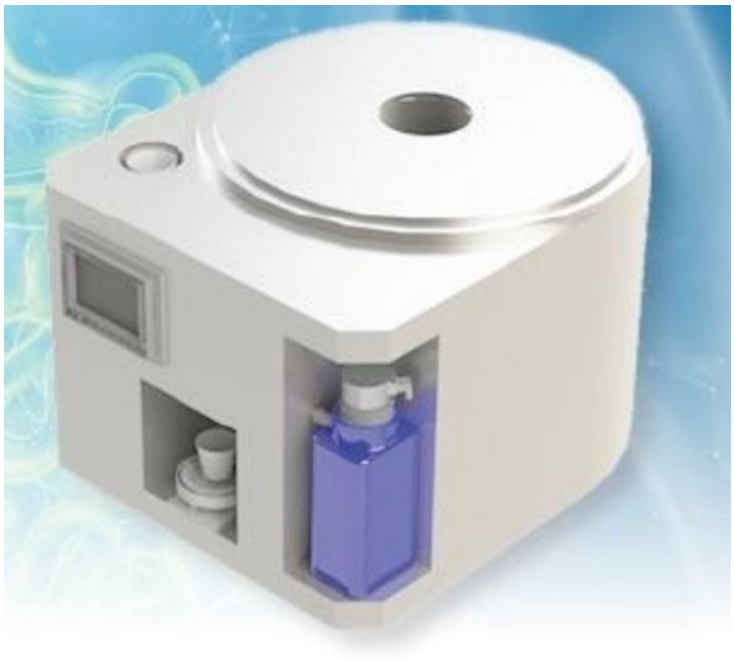
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Thailand develops personalised probiotics machine to enhance immune system

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The personalised probiotics dispenser has been patented, and the units are being manufactured



MED-CU has invented a Personalised Probiotics (Dispensing) Machine to deliver live microorganisms that have health benefits to treat patients with unclear health problems and those with microbial imbalances or dysbiosis.

Based on the research "Comparative Microbiome Analysis for the Probiotics Development" with the support of the Thailand Research Fund (TRF), Assoc. Prof. Dr. Krit Pongpirul, M.D., M.P.H., Ph.D. Department of Preventive and Social Medicine, Faculty of Medicine, Chulalongkorn University in Thailand has discovered several probiotics that help reduce blood lipids, liver fat, and skin fat, and was inspired to create the Personalized Probiotics (Dispensing) Machine (PPM) so that each person receives the correct dose and strains as needed.

"This device can dispense probiotics to people with poor microbial homeostasis, and people who lack certain beneficial microorganisms, including those with unknown illnesses, to boost and maintain the balance of microorganisms within the body," said Assoc. Prof. Dr. Krit.

"Currently, hospitals have labs to test for microbial imbalances and often use the "16s rRNA sequencing" technology. Yet, tests are quite pricey and take two to three weeks to produce the results. By then, the body microorganisms would have already changed, and the results, obsolete", he further said.

The personalised probiotics dispenser can dispense both single-strain and multi-strain probiotics, as well as desired types, and quantities.