

The 6th Joint Conference Ramathibodi - Osaka University

~ Cutting Edge Innovation on COVID-19 and Beyond ~

29th - 30th November 2021

Abstract Sheet

Lecture Title	From the discovery through drug development of Boesenbergia rotunda (Fingerroot) against Covid-19
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Abstract **【English】**

A group of scientists and physicians from Mahidol University had led the establishment of a high-content screening platform to investigate the in vitro potential of 122 locally obtained natural extracts and compounds found in Thai medicinal plants against SARS-CoV-2. In June 2020, it was demonstrated that Boesenbergia rotunda (fingerroot) extract and its phytochemicals, pinostrobin and panduratin A, were the promising candidate for a novel treatment against COVID-19. In the urgent situation, the extract had been formulated and successfully cured all 30 early infected patients in observational study. A complete clinical study is currently conducted. It is highly hoped that the Thai medicinal herb will ultimately overcome the illness.