

# Technology Facilitation Consultative Meeting to address the Challenges of COVID-19 Pandemic



## Country Perspectives on Technology Needs and Availability of COVID-19 Related Technologies and Innovations



### Policy Suggestion for the 3<sup>rd</sup> wave of COVID-19

1

Limiting the spread of COVID-19 in community and family in Bangkok and vicinities

2

Procurement and distribution of the COVID-19 vaccine in the medium and long terms

3

Regulations for certain types of business in the medium and long terms

4

Integrated management system development

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## Technologies and innovations developed by Thailand

1

BIOTEC, NSTDA: Development of nasal spray COVID-19 vaccine

2

Chulalongkorn University: 1) Portable sweat test for COVID-19 detection, 2) Plant-based vaccine, and 3) mRNA ChulaCov19

3

Thailand Approved Asian Herb Andrographis to treat COVID-19

4

TISTR: Probiotics for health and immunity improvement

5

TISTR, Suranaree University of Technology, i-wellness, Piyavate Hospital: Stem cell therapy

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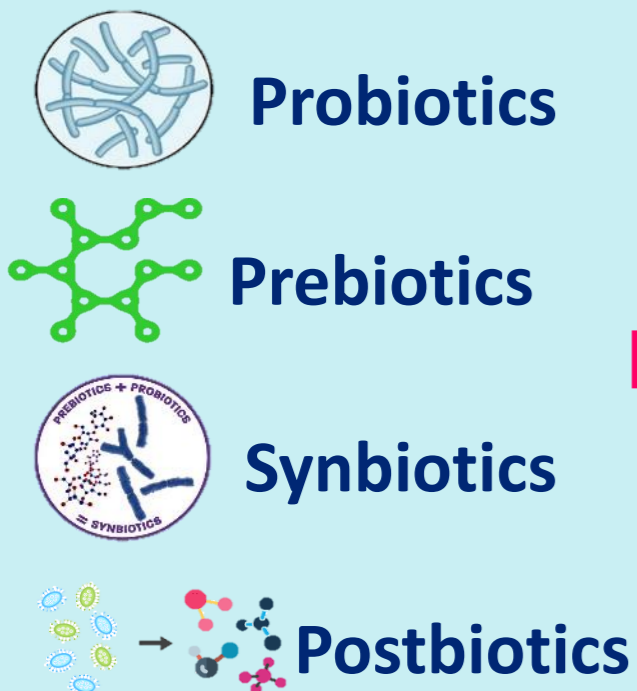
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TISTR: Probiotics for health and immunity improvement

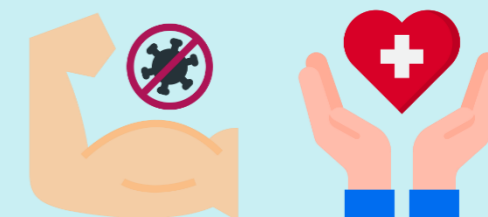
## Probiotics Technology



## Future Food Innovation



## Improvement of health and immunity



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TISTR, Suranaree University of Technology, i-wellness, Piyavate Hospital: Stem cell therapy

## Stem Cell Technology



Stem cell therapy



Mesenchymal stem cell  
(MSCs)



- Recovering lung epithelium
- Reducing cytokine storm, acute respiratory distress syndrome (ARDS), and long COVID-19 syndrome

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## References:

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