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 3rd 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
Country Perspectives on Technology Needs and Availability of COVID-19 Related Technologies and Innovations

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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Thailand Approved Asian Herb Andrographis to treat COVID-19
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TISTR: Probiotics for health and immunity improvement

Probiotics Technology

Future Food Innovation

Improvement of health and immunity

Probiotics
Prebiotics
Synbiotics
Postbiotics

Functional food  Novel food  Medical food  Organic food
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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TISTR, Suranaree University of Technology, i-wellness, Piyavate Hospital: Stem cell therapy
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