

Press Conference President of JST

January 26, 2022



JST's "Plan B" against COVID-19

What is "Plan B"?

A multidisciplinary approach to address society in which **we can move, meet, gather and do business freely** under COVID-19 conditions in addition to trials of vaccines and drugs (Plan A).



In the present situation, we need to restrict people's activities

Present

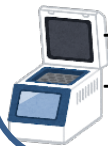
Detect



-temperature check

-PCR

-antigen/antibody test



Clean



-hand-washing

-alcohol (surface)

sterilization



Protect



-behavior detection

-isolation

-masks



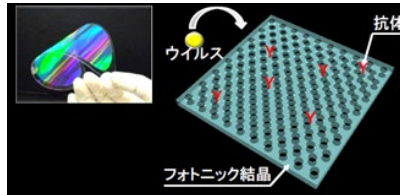
Upgrade our policy-measures using STI innovation

Plan B

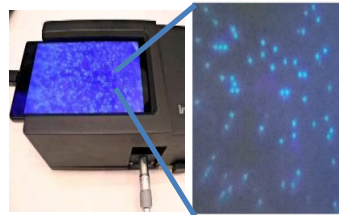


detect

High-sensitivity virus detection technology (physical space)

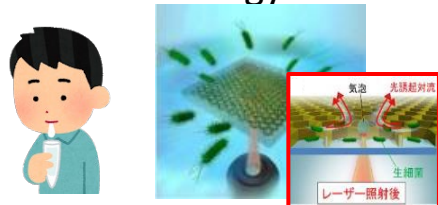


Photonic crystal sheets **Under R&D**



Digital virus detection method **Under R&D**

Minimally invasive high-speed high-sensitivity detection technology

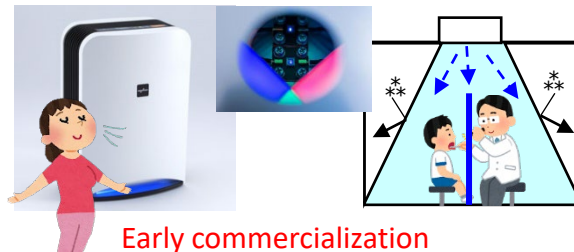


Minimally Invasive High-throughput Optical Condensation System **Under R&D**



clean

Deep UV LED (air, water, air curtain, mask sterilization, etc.)



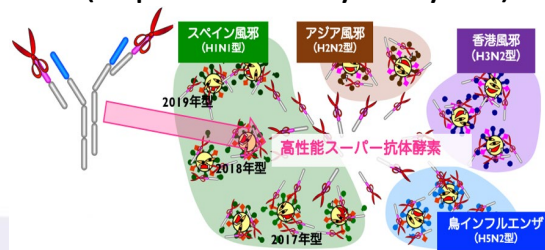
Early commercialization

Ostrich antibody (application to air conditioner filters, etc.)



Early commercialization

Virus inactivation technology (super antibody enzyme)



Under R&D



protect

High-performance mask (Ostrich antibody, etc.)



Ostrich antibody **Practical use**

Remote health screening



Cloud service MeDaCa

Practical use

Optimal deployment of Plan B technologies considering demand and supply

Demand

- Vulnerabilities in hospitals, nursing facilities, schools
- Quantity and quality required

Supply

- Cost
- Production capacity
- Complexity of the technology

Protect

Hospital / clinic
-Protect the people-



Nursing facility
-Protect the elderly-

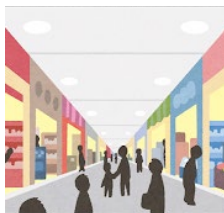


School
-Protect the future-



Keep economy going

Retail



Pubs and Restaurants

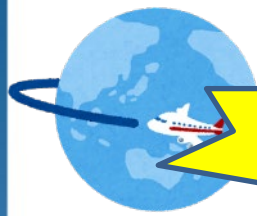


Events / Transportation



JST's "Plan B" against COVID-19

Quick deployment to each facility,
optimal technology in optimal quantity.



Plan B



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