

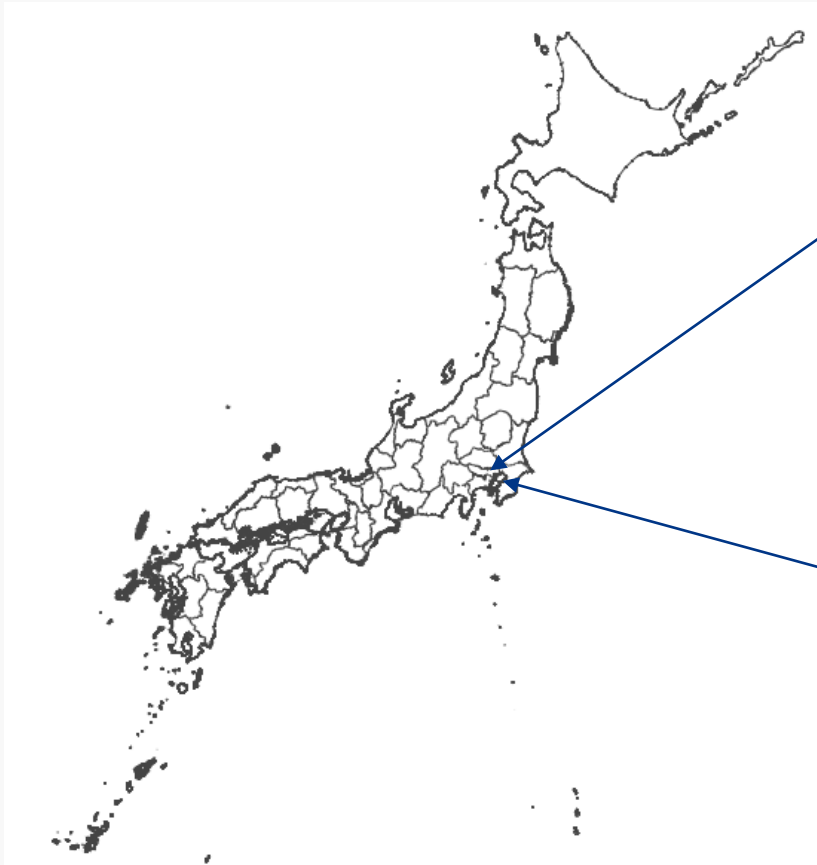
Cooperation between NITE and JPO

November 13, 2023

YOSHIDA Saki,
Japan Patent Office (JPO)



Organization of JPO and NITE



JPO (Japan Patent Office)



- A part of the Ministry of Economy, Trade and Industry, METI
- Policy Planning and Coordination Dept , Patent Examination Dept etc.



NITE (National Institute of Technology and Evaluation)



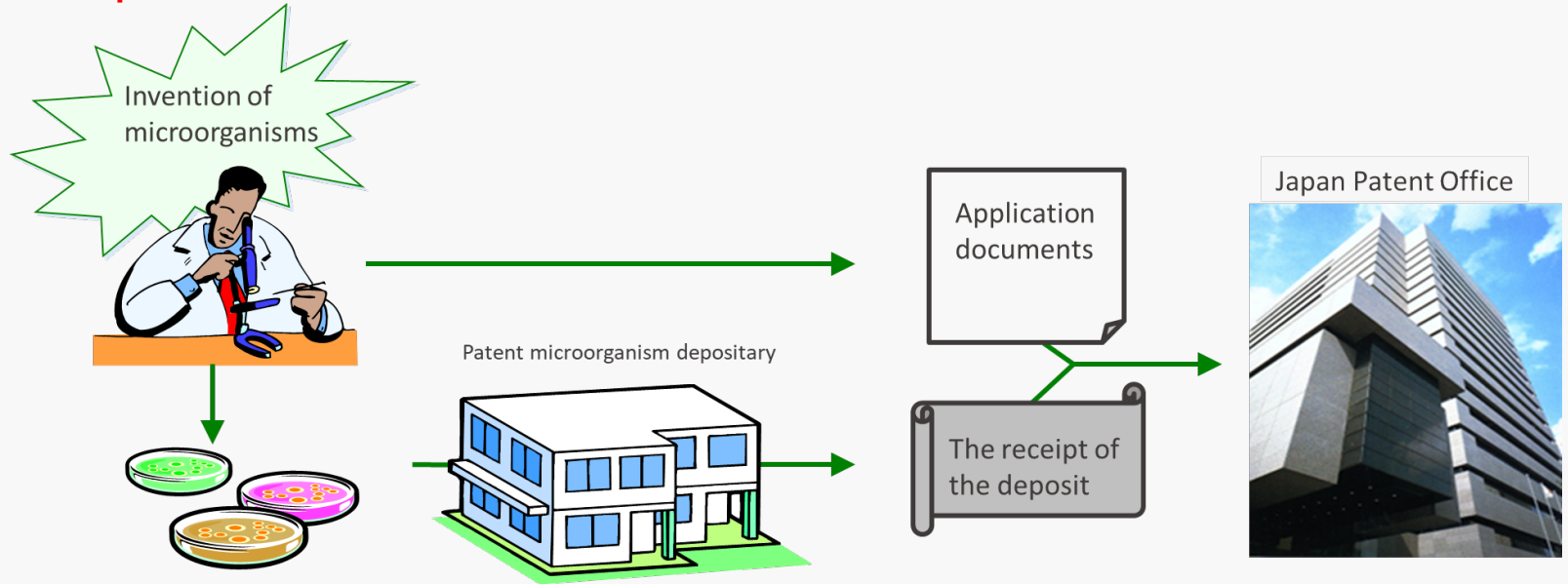
- NITE Patent Microorganisms Depository (NPMD)
- International Patent Organism Depository, NITE (IPOD, NITE)



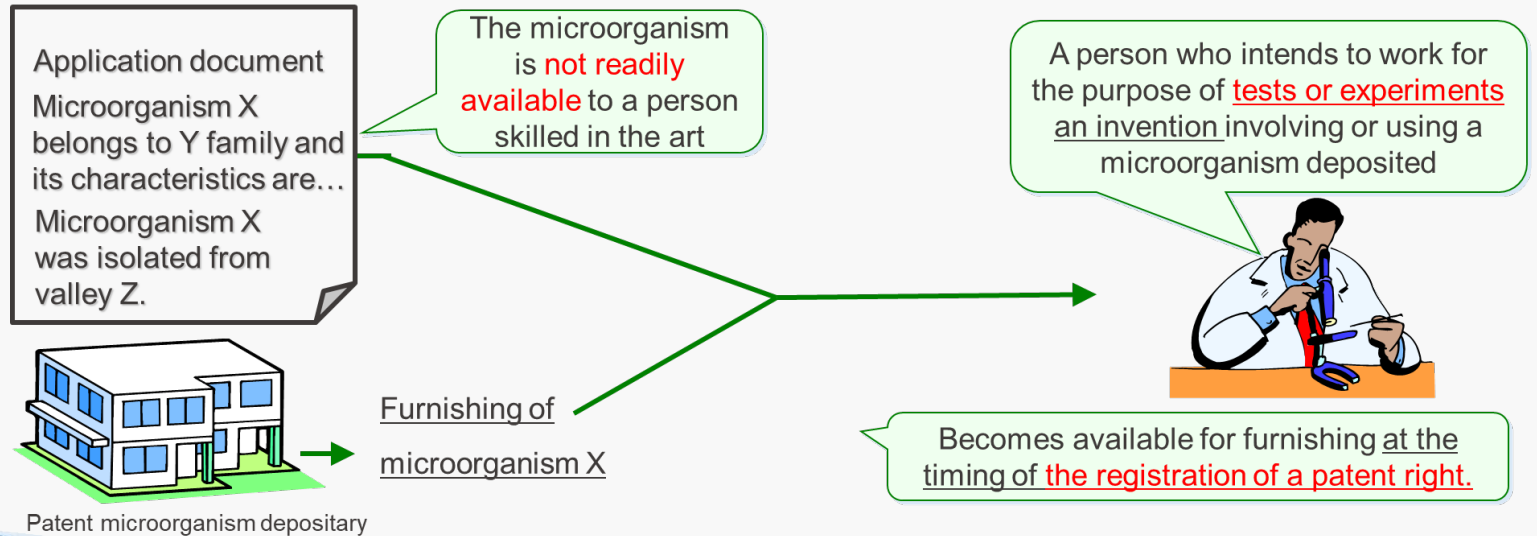
For high quality and financially sustainable services

In Japan

Deposit



Furnishing



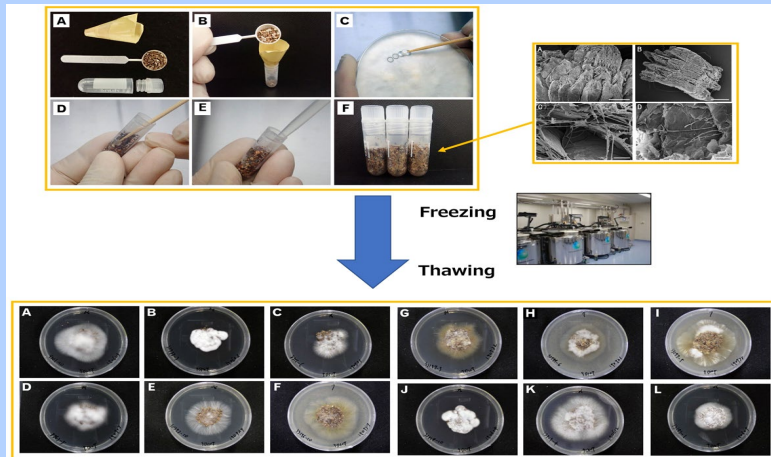
For high quality and financially sustainable services

JPO provides financial support for NITE's research and development .

Development of long-term preservation protocol for basidiomycete cultures (2015-2021)

A long-term preservation method was developed for basidiomycete cultures, which are often deposited in active cultures at NPMDs.

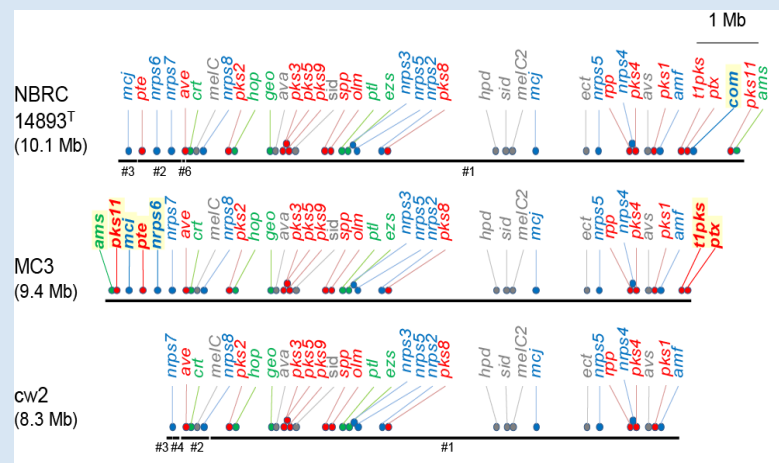
A cryopreservation protocol using vermiculite may be effective. (reference:*1)



Stability of secondary metabolite-biosynthetic genes in replicative preservations of *Streptomyces* species (2016-2018)

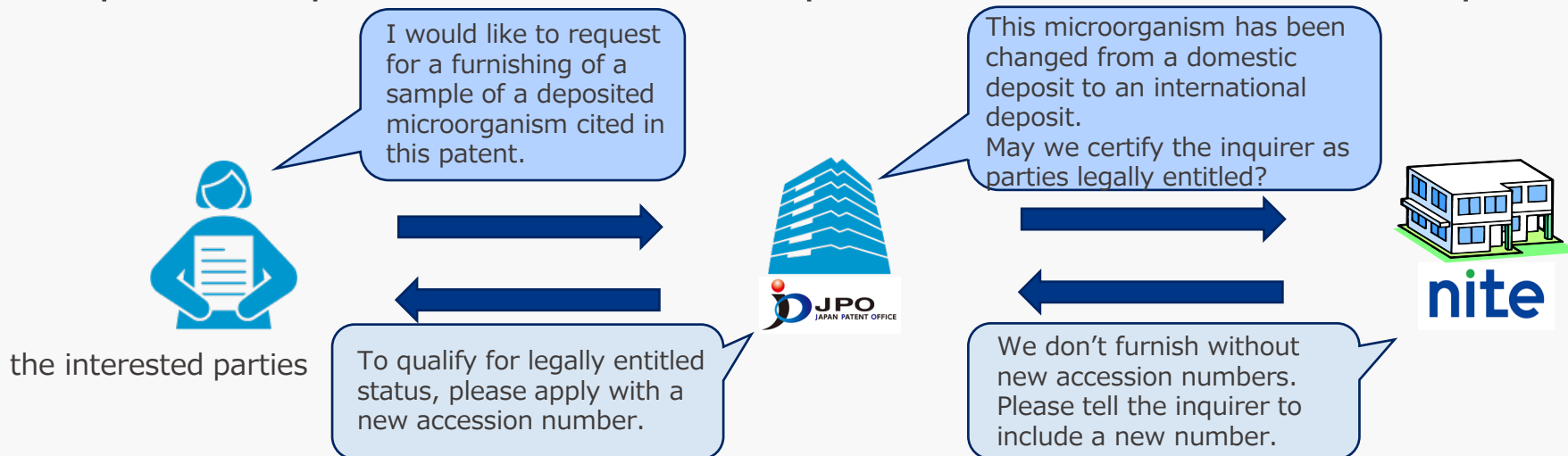
Stabilities of secondary metabolite-biosynthetic genes in *Streptomyces* spp. Through replicative preservation in public culture collections were examined.

The cultivation is very important in the maintaining of functional genes. (reference:*2)



For high quality and financially sustainable services

Respond to questions from the depositors and the interested parties.

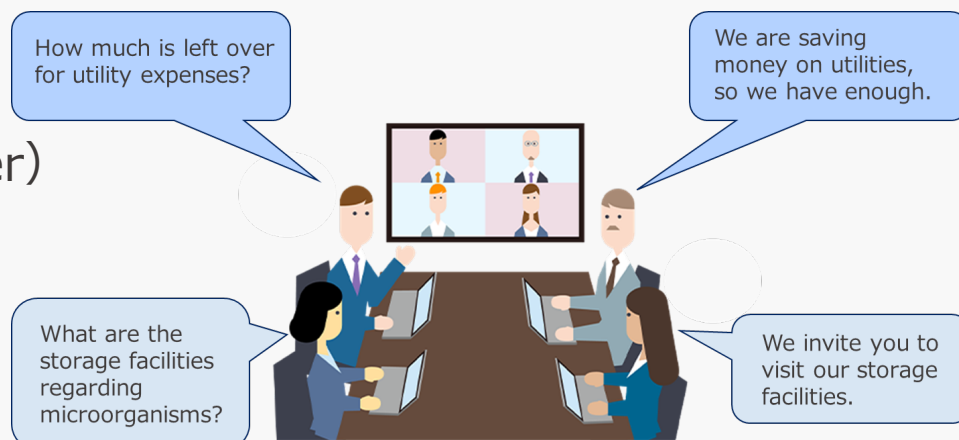


We hold annual meetings.

We discuss

- Utility expenses (electricity, gas, water)
- Number of deposited microorganisms
- Software updates
- R&D results

etc.



Thank you!

