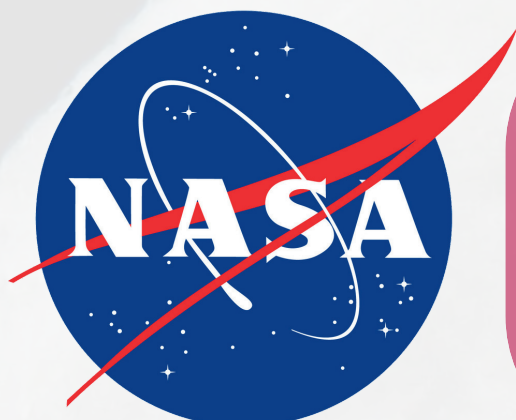


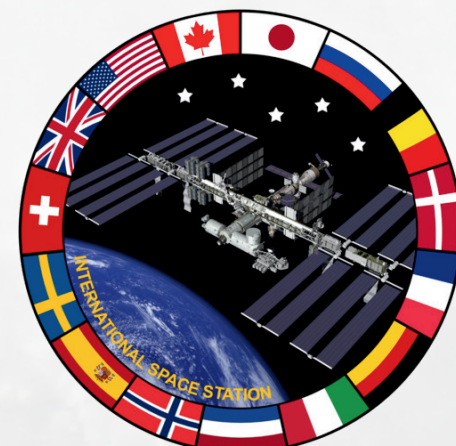
Technology for space

Although promising, cultured meat (CM) on **Earth** still faces challenges like **scalability and costs**, constraints that largely disappear in space. For **astronauts** on long-duration missions, familiar and comforting meals help preserve **psychological wellbeing** and morale. The potential of CM has already been assessed through at least three research projects, and overall, it fits within the broader biomedical research already ongoing in space.

State of the art



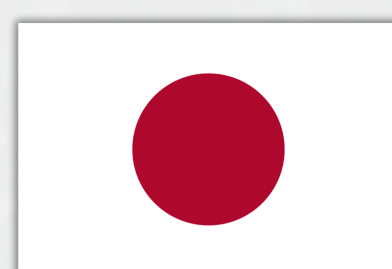
Goldfish project in 2001
on seafood cells
cultivation



Tests on **ISS** in 2019 and
2021 using 3D bioprinting
and bovine cells



**Cellular Agriculture for
Future Human Space
Missions** in 2021



Moonshot R&D Program
started in 2020 proposing
a circular system

Closed Loop System



= Ongoing partnership



= In-house expertise

