



Radiation biology (secondary)

CORE TAKEAWAY

Sample and system exposure data beyond LEO on selected missions, alongside the primary crystallization experiment. Not a full radiobiology lab.

FRANKLIN 1 FIT

- Primary job remains protein crystallization process data.
- On selected missions Franklin 1 can include sample and system exposure records in harsher radiation environments than typical LEO.
- Not continuous culture. Not a dedicated radiobiology facility.
- Pathfinder targeted 2027, partner- and funding-gated.
- Secondary data product — orbit-dependent.

Franklin 1 is a data-first microgravity process payload. It complements return platforms and ISS slots; it does not replace them. Atom One Space does not claim to treat or cure any disease in orbit.