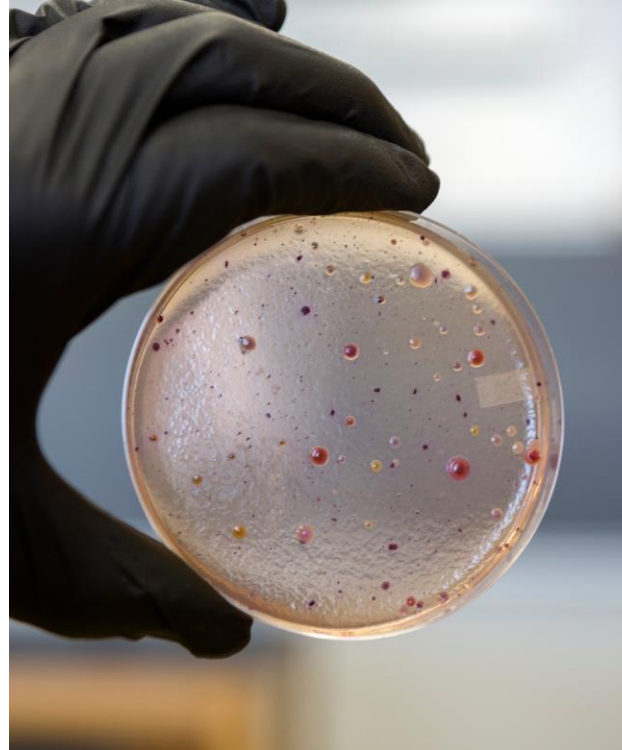
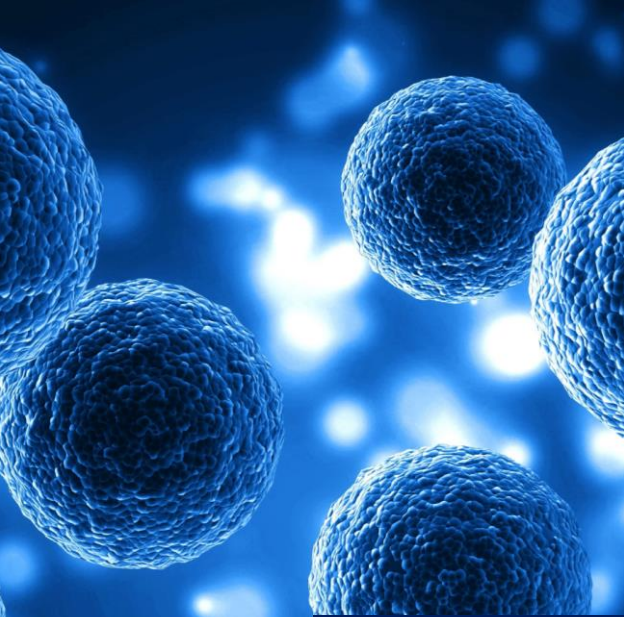


Safeguarding Every CGT Sample – An Integrated Stability & Sustainability Outsourcing Model

Preclinical through
Commercialization

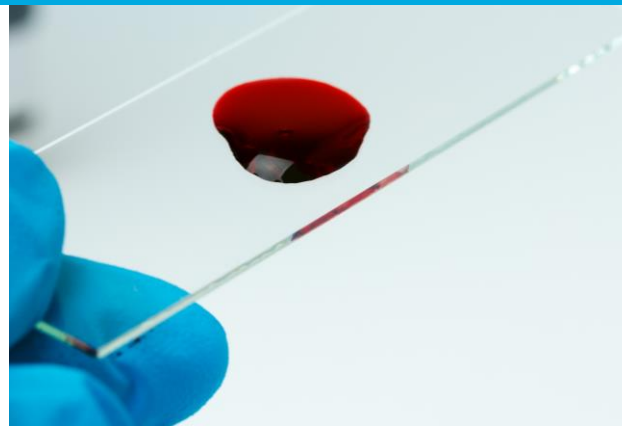
July 9th, 2025
Ryan Smith,
Global Head of Sales



Sustainability of CGT Samples of All Types



Requires an integrated focus on
Sample Stability & Biorepository Storage



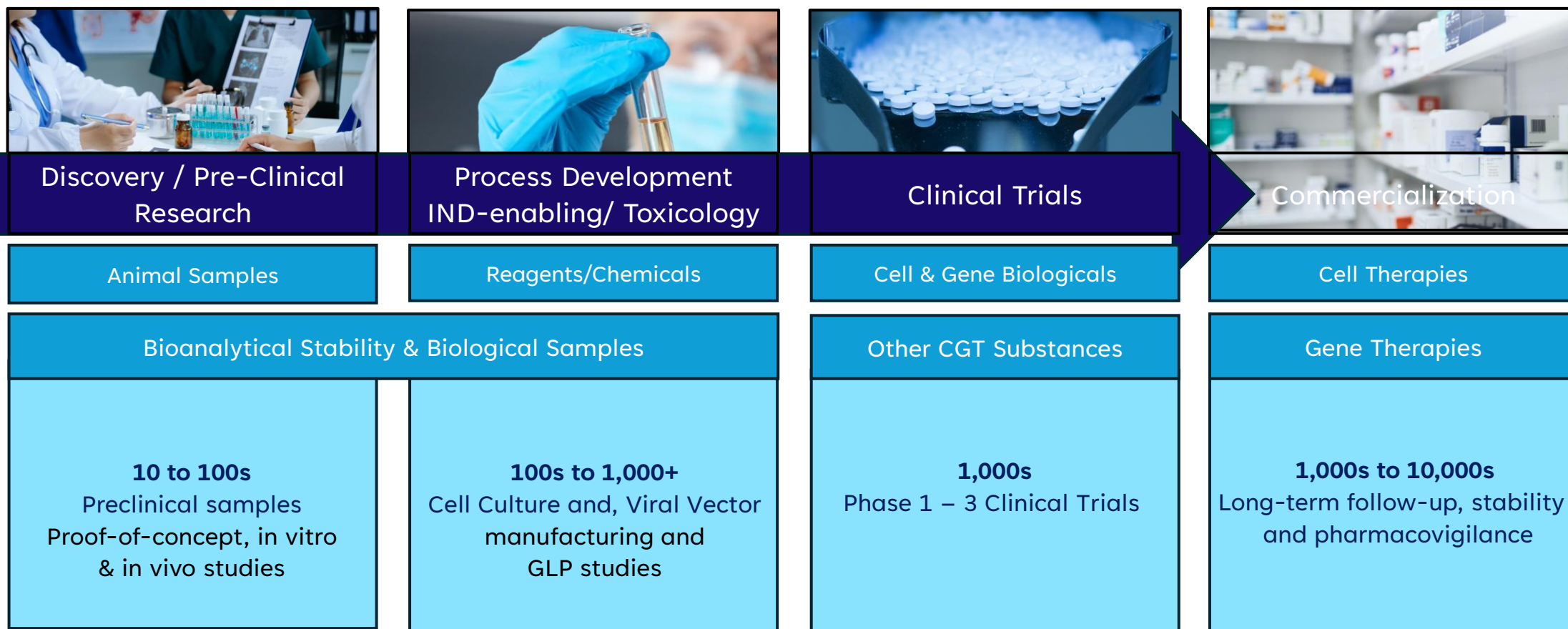
A photograph of two scientists, a woman and a man, standing in a laboratory. They are both wearing white lab coats and purple gloves. The woman is on the left, smiling, and the man is on the right, holding a white tray with several small vials. They are standing in front of a large piece of laboratory equipment, possibly a cryopreservation system, which has a control panel with a screen and buttons. The background shows a clean, modern laboratory environment with blue lighting and various pieces of equipment.

Challenges & Risks

of CGT Sample Sustainability

- **Regulations:** complex and varying global regulatory requirements
- **Climatic temperature zones:** impact sample stability storage
- **ULT and cryogenic storage:** must be managed to storage best practices
- **Expert staff and quality facilities:** required for stability & biorepository storage
- **Sample handling and storage requirements:** vary by sample type
- **Packaging & transport:** from donor to bench can impact viability and sample loss is costly
- **CGT therapy sample stability data is required:** for regulatory approval and distribution
- **Unforeseen disasters:** can destroy samples & delay research

Integrated R&D Sample Stability & Biorepository CGT Outsourcing Model



Astoriom's Stability & Biorepository Sample Storage Solutions



Pre-Clinical Research

Bioanalytical Stability Sample Storage



Clinical Research

Biorepository Sample Storage



CGT Manufacturing

CGT Biologicals Storage

CGT Substances Storage



CGT Products

CGT Product Storage

Photostability
Accelerated Ageing

Supply Chain Logistics – Controlled Temperature & Cycling Studies

Sample Storage Service Equipment & Validation

Disaster Protection & Recovery

Our Success Stories

Teaching Hospital

Biorepository Services



Partner to maximise
space on-site



Needed regular access
to samples



Accountability shift:
Astoriom as a core
competency provider



Benefits:

Resource efficiency:
No need to maintain
freezers and tanks



Scientific focus
maintained: time and
space for other projects



Our Success Stories

Pharmaceutical Company



Stability Biological Material



Trispecific and
bispecific proteins



Lack of specific
condition on-site



Need to guarantee
the integrity of
samples

Benefits:



Temperature reports
and sample auditing



Sample storage +
experts to store
critical product

Safeguarding Every Sample Matters

Visit our experts at **Exhibit 4**

Pick-up our Sample Stability & Biorepository Storage
Best Practices Resources Guide

Thank you!

Ryan Smith
Global Head of Sales