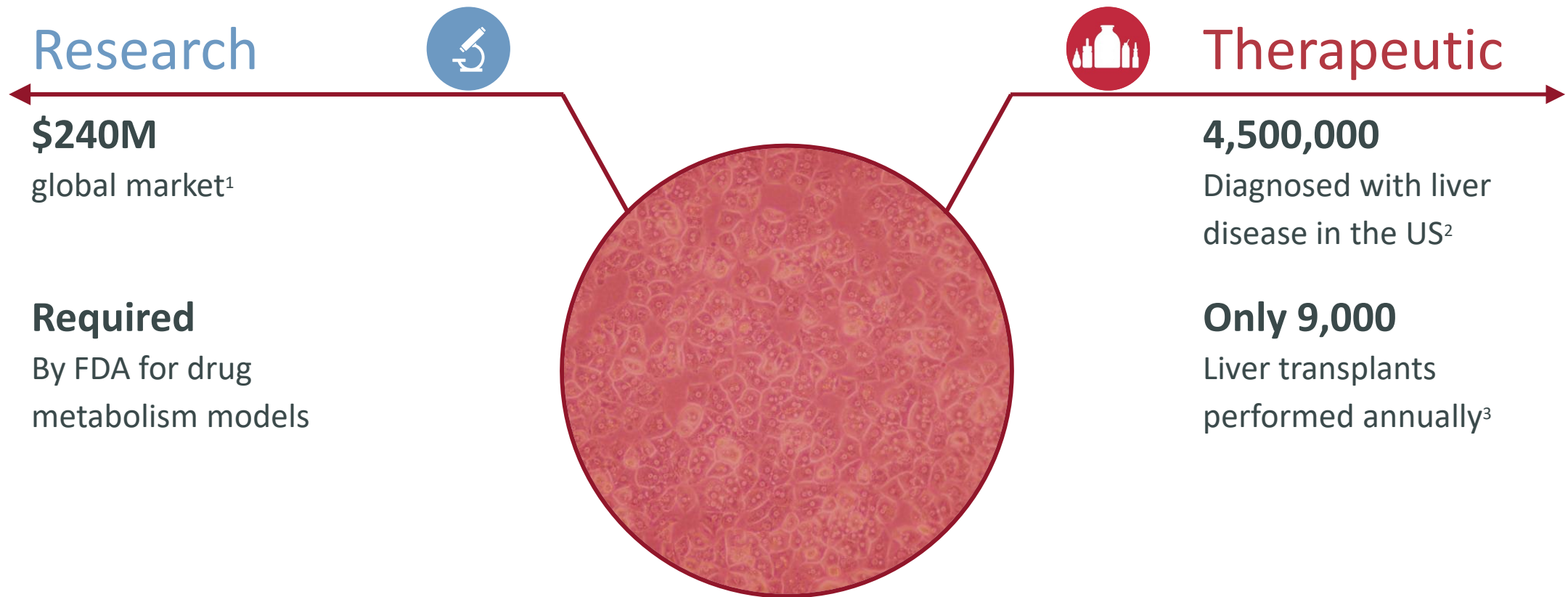
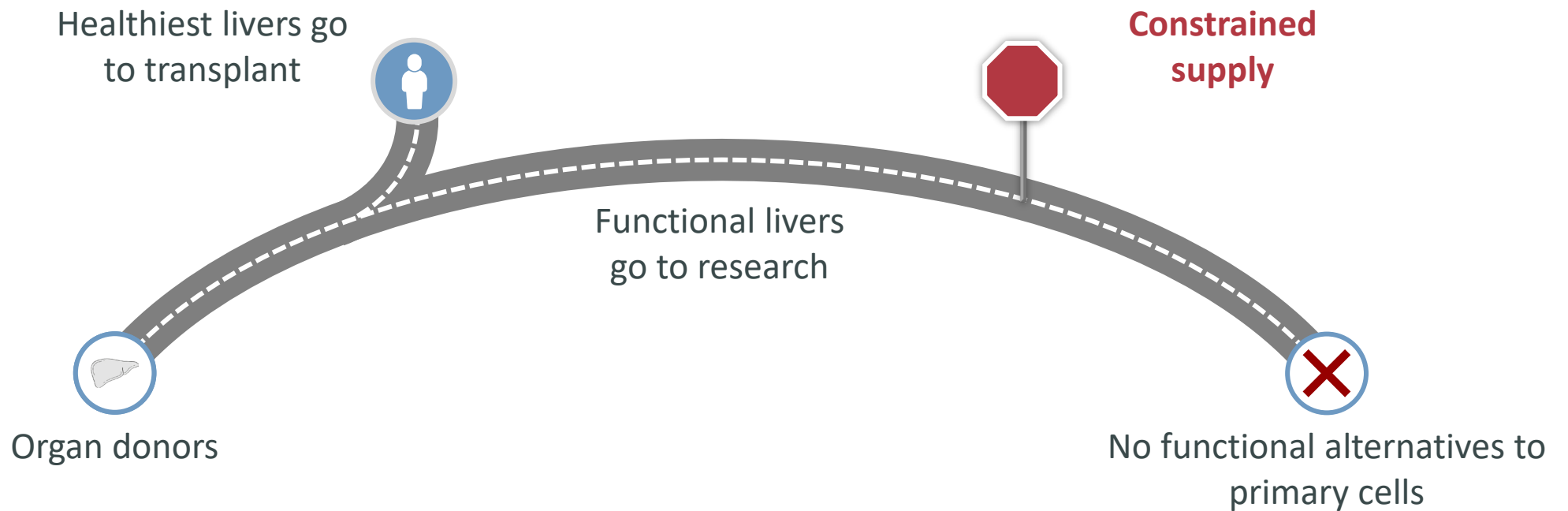


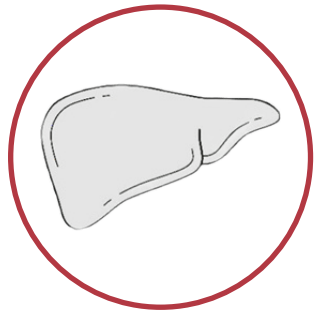
There Is a Critical Need For Primary Human Hepatocytes



Critical Need, Limited Supply

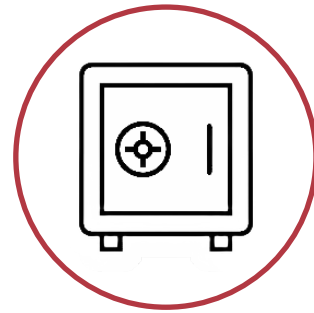


Our Bio-incubator Expands Hepatocytes Up to 1000x



Donor Liver

Characterized, diverse donors



Master Cell Bank

Five master cell lines provide consistent starting material



Bio-incubator

Proprietary FRG bio-incubator expands cells up to 1000x



Primary Hepatocytes

High quality, consistent human hepatocytes supplied at scale

We Have Made Significant Progress to Date

✓ Bio-Incubator Established

✓ Functioning Barrier Facility

✓ Business Units Formed

✓ Strong IP Position

- Bio-Incubator Patents
- Liver Assist Device Patents
- Genetically Engineered Hepatocyte Patents

✓ Experienced Team

Extensive Entrepreneurial, Research & Clinical Expertise



John Swart, PhD
CEO

Founder, Exemplar (exited)
Former Exec Director – Operations,
Boehringer Ingelheim
PhD Biochem, U of Nebraska



Brian Dacken
COO

20 years of experience with
genetically engineered animals
Led Clinical Research at Exemplar



Anna K. Argo, MBA
Business Development

More than 10 years of
experience in development &
fundraising
Previously at Children's MN



Ryan Schulze, PhD
Research & Development

Expert in hepatocyte biology
Former Assistant Professor at
Mayo Clinic

Scientific Advisory Board



Marcus Grompe, MD
Professor of Pediatrics, OHSU
School of Medicine

Known worldwide for liver
gene & cell transplantation
research



**Stuart Forbes, MB, ChB,
PhD**

Director, Centre for
Regenerative Medicine,
U of Edinburgh
Global leader in the research of
liver regeneration



Stephen Strom, PhD
Professor of Cell Transplantation
Research, Karolinska Institutet

World-renowned researcher in
liver biology, pathology, & disease