



***Organs on Demand:  
 Enabling progress in  
 Regenerative Medicine***



**THE INVESTMENT THESIS**

Longer-term storage of organs will help combat shortages and waiting lists. X-Therma's technology will allow hearts to be preserved for up to 24 hours, helping the more than 107,000 people who are on the national transplant wait list. Seventeen people die each day waiting for an organ, as only 10% of the global need for organs is met.

**ADVANCING THE FIELD OF  
 TRANSPLANTATION**

Organ transportation and preservation is extremely inefficient. More than 80% of transplantable organs are wasted each year, as available supply cannot meet demand due to poor preservation technology. There is an enormous unmet need for organs in the US; more than 60% of donated organs are wasted due to inadequate preservation.

**X-Therma has a solution.**

X-Therma's biomimetic molecule technology allows for sub-zero storage of organs for longer periods of time. The proprietary solution is non-toxic and ice-protective, allowing for superior quality. Cells and organs are preserved safely and effectively to preserve viability and functionality. The technology also may improve the maintenance of sufficient oxygen and nutrients to avoid metabolic stress. X-Therma's technology will significantly increase the global organ supply, with the eventual goal of eliminating waiting lists.



**DEVELOPMENTAL PROGRESS**

