

Sample applications of **STAR** biomaterial  
*(preclinical data is available for many of these)*

Key function of <b>STAR</b> :	Anti-infection	Anti-scarring	Angio-genesis	Integration scaffold
<b>Ophthalmic</b>				
Glaucoma drainage device <i>(on market)</i>		✓		✓
Artificial cornea				✓
Retinal implants		✓		✓
<b>Vascular</b>				
Vascular grafts (AV, PV, CABG)		✓		
Needle-free dialysis port	✓			✓
Stent anti-stenosis sleeve				✓
<b>Percutaneous devices</b>				
Catheters, feeding tubes	✓			
LVAD driveline	✓			
<b>Prosthetics</b>				
Breast Implants		✓		
Prosthetic / orthopedic implants	✓			
Implanted hearing devices		✓		
<b>Surgical products</b>				
Surgical mesh for prolapse/hernia	✓	✓		
Filler for wrinkles, deep wounds			✓	✓
Bone repair / filler				✓
Tissue/organ culturing scaffold				✓
PFO closure				✓
Fistula repair	✓			✓
<b>Sensors</b>				
Glucose sensor implant		✓		
<b>Therapeutics delivery</b>				
Implanted drug delivery devices		✓		
Insulin islet & other cell seeding		✓		
Brachytherapy radiation seeds	✓			✓
Veterinary drug infusion ports	✓	✓		
<b>Neural</b>				
Neurostimulation electrodes		✓		
Anti-obesity percutaneous stimulator	✓	✓		