

# MICROBIAL BIOMANUFACTURING

Scorpius' team has extensive experience in *E. coli* microbial biomanufacturing, including hard-to-work-with inclusion bodies.

Scorpius has created a stand-alone building for microbial biomanufacturing on its campus in San Antonio, Texas. With ~4,000 sq. ft. dedicated to microbial cGMP biomanufacturing, the microbial facility is comprised of two segregated Grade C cleanroom suites, upstream and downstream, featuring modular design and dedicated air handling units. It utilizes single-use technologies to mitigate contamination risk and to speed up suite turnaround between production runs.

Scorpius can produce clinical-scale and small-scale commercial products for recombinant microbial proteins, plasmid DNA, therapeutic enzymes, immune toxins, and bacterial subunit vaccines.

The Scorpius leadership team over 100 years of industry experience. Their expertise in process development includes optimizing microbial fermentation yields, mechanical and chemical cell lysis processes, product recovery, as well as downstream plasmid and protein recovery operations.

**Work With Us.**

## Microbial Manufacturing Overview



Upstream &  
Downstream  
Expertise

**4,000 sq. ft.**  
of cGMP cleanroom space



Supporting *E. coli* &  
Non-Spore-Forming  
Bacterial Lines

**up to 200 L**  
fermenter capacities



Facilities in  
San Antonio, Texas

**2 SUITES**  
upstream & downstream  
cGMP suites



Process Development  
Toxicology Lots  
Clinical Trial Lots  
Cell Banking

**100+ YEARS**  
microbial team  
industrial experience