



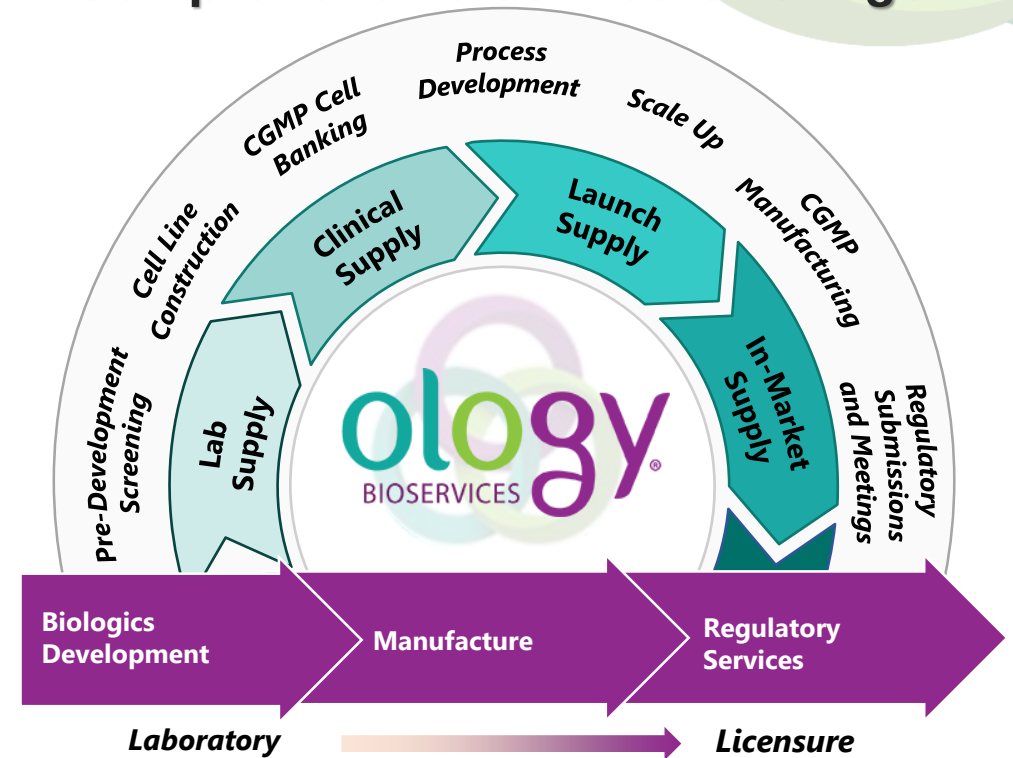
[www.ologybio.com](http://www.ologybio.com)



# Ology Bio<sup>®</sup> at a glance...

- Privately-owned, biologics-focused CDMO with ~270 employees
- Headquartered in Alachua, FL with additional sites in Alameda, CA and Frederick, MD
- Biologics development and manufacturing experienced executive management team
- Best-in-class biopharmaceutical manufacturing facility with multi-product, single-use and BSL-3 capabilities
- We are an Advanced Development and Manufacturing facility for the Department of Defense
- Full Regulatory Support – IND through Licensure

## Comprehensive Service Offerings



# Experience with COVID-19 Antibodies



- Currently developing a cocktail of two monoclonal antibodies against COVID-19
- Antibody sequences were licensed from Dr. James Crowe's laboratory
- We have completed CGMP materials and have begun Clinical studies
- As Risk Mitigation to meet the needs of these monoclonal antibodies, we have another manufacturing organization generating clinical grade materials
- As you are all aware, the speed of identification and development of these biologics has been unbelievable

# Challenges with Scale Up Production



- The biggest challenge has been materials
  - The single use bags we use for manufacturing are also being used by other COVID-19 manufacturers
  - Chromatography resins and downstream filtering systems are also in high demand and used by many manufacturers
  - Fortunately, the priority of the COVID-19 projects has allowed us to procure what we need
- Access to Fill/Finish facilities and vials
  - We are in competition with other antibody manufacturing groups for fill/finish capabilities as well as the vaccine manufacturers
  - We have early stage fill/finish capabilities
  - Planning and scheduling with potential partners is key
- Redundancy in Manufacturing Capabilities
  - Very important to have redundancy in the key areas of manufacturing
  - We have a teaming partner that has larger capacities than we do
- COVID-19 disease spread among workforce
  - We have been very fortunate with this
  - Spread of infection amongst a trained workforce would be devastating
  - We have put in several CDC guideline protocols in house and this has worked well for us