

# ServareGMP

## Research Associate - Downstream

**ServareGMP is a new, non-profit public benefit corporation dedicated to developing and manufacturing low-cost biologic medicines for diseases affecting the underserved, the neglected and the most vulnerable populations.** Biologic medicines are one of the most important developments in the history of health care. Due to the high cost of development and manufacturing, monoclonal antibodies (mAbs) and other biologics are largely unavailable to populations in low and moderate resource countries (85% of world's population). Additionally, of the over 100 mAbs approved as treatments by the FDA, as of 2019 only 7 could be classified as treatments for infectious diseases or neglected diseases. As of 2018, the average mAb therapy treatment cost in the United States was \$96,731.

ServareGMP was established to help change this through three primary pathways: develop and manufacture very low-cost medicines; utilize its expertise and operations to partner with other like-minded organizations on their efforts to bring forth medicines aimed at vulnerable populations; and collaborate with colleagues in LMICs to launch biomanufacturing operations in those locales.

**Servare values inquiries from the same communities it is chartered to serve as well late career scientists and researchers.**

### Position Pre-requisites:

- An entry-level candidate, designated Research Associate I (RAI) will have no industrial experience and the four years of academia associated with attaining the B.S. degree. The Research Associate II (RAII) will require a B.S. and + one year of industry experience. The Research Associate III (RAIII) designation will require a B.S. and + two years of industry experience.
- An ability to apply scientific principles and techniques to assigned projects.
- A familiarity with standard Biology techniques and lab equipment is strongly preferred.

### Position Duties:

- Operates and maintains manufacturing equipment as it relates to harvest and protein purification- (e.g., chromatography columns, depth filtration, cassette-based ultrafiltration equipment, UV monitors, pH/conductivity, viral filtration).
- Executes experiments designed by supervisor, initially with supervisor's direction and then independently once experimental techniques are mastered.
- Actively participates in project progress, not only by conducting experiments but also by troubleshooting experiments, understanding project goals and experimental questions, and proposing improvements or novel experiments/techniques.
- Participates under the direction of lead scientist(s) and CSO in operations involving of complex systems and equipment; and assists in bioprocessing and manufacturing in accordance with defined goals.
- Obtains and stock supplies as directed.

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- Prepares buffers, packs, and tests chromatography columns.
- Interacts with supervisor at least daily and asks questions as necessary to clarify instructions.
- Keeps detailed records of experiments in lab notebook according to company guidelines.
- Presents data and findings to supervisor and to company personnel.
- Follows safety guidelines and laboratory standard operating procedures (SOPs).
- Performs other work-related duties as assigned.

## **Position Responsibilities:**

- Acts in accordance with ServareGMP's mission as a charitable public benefit organization chartered to provide for vulnerable populations
- Participates effective working relationships with both internal and external partners
- Participates in departmental activities as needed, including project teams, task forces, audits and business or technical meetings with outside groups.
- Operates to the highest ethical and moral standards.
- Complies with ServareGMP's policies and procedures.
- Adheres to quality standards set by regulations and ServareGMP's policies, procedures, and mission.
- Communicates effectively with Lead Scientist(s), Executive Director, CSO, colleagues and subordinates.
- Participates in leadership and management development activities.
- Travels as needed for career development, technical training, evaluation/integration of new technologies, and support tech transfer for client projects.