

ABSTRACT

Systems and methods described herein provide a data presentation, assimilation and monitoring system for a biomanufacturing system utilizing an array of bioreactors for conducting biomanufacturing experiments. In embodiments, the experiments may be controlled by recipes that can be created and altered by credentialed users. During experiments, credentialed users may monitor operational parameters of the bioreactors conducting experiments as well as batch and group parameters across multiple bioreactors. Further, credentialed users may alter recipes to the exclusion of other credentialed users while editing. Further yet, specific checklists may be utilized to ensure that correct and suited equipment (such as bioreactors and experiment bays) are matched with an experiment plan.