

Amgen's Next Generation Biomanufacturing Facility

Kimball Hall, Manufacturing, Amgen Singapore Manufacturing Pte. Ltd.

Over past decades, the biopharma industry's emphasis has been on optimizing traditional cell culture platforms using stainless steel bioreactors to manufacture proteins. At Amgen, we've taken a different approach by investing in Amgen's Next Generation Biomanufacturing. The facility at Amgen Singapore is our first investment in next-generation flexible manufacturing. I will illustrate the facility's new design concepts and discuss the speed at which the facility was constructed. The result is a highly reconfigurable manufacturing facility that requires little or no retrofit, beyond specific new unit operations, to accommodate new product introductions.