

BioPharm^{INTERNATIONAL}

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The Science & Business of Biopharmaceuticals

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FASTER, BETTER BIOPROCESSING IN 2020

EMPLOYMENT SURVEY
CAREER LADDERS TO CLIMB

UPSTREAM PROCESSING
SINGLE-USE BIOREACTORS

DOWNSTREAM
PROCESSING
LYOPHILIZATION COMPLEXITIES

MANUFACTURING
PROCESS DEVELOPMENT

QUALITY/REGULATIONS
GETTING TO THE ROOT CAUSE

PEER-REVIEW RESEARCH
THERAPEUTIC POTENTIAL
OF NANOPARTICLES