An Invaluable Resource for Trends & Analysis

17th ANNUAL REPORT AND SURVEY OF BIOPHARMACEUTICAL MANUFACTURING







520+ pages of data-rich analysis to help improve your decisionmaking in biomanufacturing. In-depth analysis of capacity, production trends, benchmarks, and more!

The 2020 17th Annual Report and Survey of Biopharmaceutical Manufacturing Capacity and Production is a comprehensive analysis of trends and opportunities, biotherapeutic developers and contract manufacturing organizations' current and projected future capacity and production.

SPECIAL SUPPLEMENT: COVID-19 Crisis-Impact on Bioprocessing, and Suppliers.

"The BioPlan Annual Report and Survey is and has always been a must-read, as it is the most comprehensive survey and result analysis to determine trends, requirements and new demand of the biopharmaceutical industry.

–Maik Jornitz, President, G-Con, LLC

- 130+ Biopharma companies
- 150 industry vendors and direct suppliers
- 33 Countries represented
- 520+ Pages
- 13 Chapters
- 200+ Graphs and 20+ Tables
- Subject Matter Expert analysis
- Independent Sponsoring Organizations

Published by BioPlan Associates, Inc. April 2020

COVERAGE

- In-depth analysis of key data, capacity, production trends, and benchmarks
- Budget trends and impact of the current economic environment
- Downstream purification problems and issues
- Current and projected industry bottlenecks
- Capacity utilization and current production levels
- Capacity bottlenecks what's being done to resolve
- Production trends and Outsourcing trends
- International offshoring through 2025
- Range of titers, growth
- Disposables: Spending growth; downstream uses; L&E's; reasons for increasing/ restricting; budget increases; vendor satisfaction
- Batch failure rates & trends
- Selecting a CMO Problems & solutions
- Quality management & PAT implementation
- · Hiring and employment growth
- · Supplier growth rates, and much more

Delivering Actionable Knowledge

Order your copy today!

Hard Cover \$975 Digital Global License \$1950



ISBN 978-1-934106-37-2

TABLE OF CONTENTS

OVERVIEW

METHODOLOGY

CHAPTER 0: Demographics

CHAPTER 1: Introduction and Discussion

CHAPTER 2: Overview of Critical Issues in

Bioprocessing

CHAPTER 3: Emerging Issues in Biopharmaceutical Manufacturing

CHAPTER 4: Capacity Utilization

CHAPTER 5: Current and Future Capacity

Constraints

CHAPTER 6: Future Capacity Expansions

CHAPTER 7: Outsourcing Trends in Biopharma-

ceutical Manufacturing

CHAPTER 8: Disposables and Single-Use

Systems in Biopharmaceutical Manufacturing

CHAPTER 9: Downstream Purification

CHAPTER 10: Quality Issues, Batch Failures, and PAT in Biopharmaceutical Manufacturing

CHAPTER 11: Hiring, Employment Growth and Training in Biopharmaceutical Manufacturing

CHAPTER 12: New Methods, Continuous and Process Intensification, Cell and Gene Therapy

CHAPTER 13: Suppliers to Biopharmaceutical Manufacturing and Life Sciences

Download a complete table of contents

TESTIMONIALS FOR ANNUAL REPORT

"Your report has delivered significant value to us. We use it as a fundamental part of the research for our strategic planning. This report has helped us see market shifts, such as the predicted increase in needs for biotech-focused CMO's that we used to position our company to better serve our clients. We consider this a must-have report to keep our business focused in the right direction."

-Jeff Hargroves, President, ProPharma Group

"BioPlan Associates Annual Reports are a valuable independent resource for monitoring drug manufacturing activities, trends and future needs."

-Jerold Martin, Global Industry Consultant, Former VP Pall Life Sciences

"The most comprehensive survey and result analysis to determine trends, requirements and new demand of the biopharmaceutical industry. The report's data and interpretation of the survey results are an invaluable tool for biomanufacturers and suppliers alike, as it thoroughly highlights the current status and future necessities. It not only is a snapshot report, but a multi-year evaluation."

-Maik Jornitz, President, G-Con, LLC

"I have found each BioPlan Associates "Annual Report and Survey of Biopharmaceutical Manufacturing Capacity and Production" to be particularly useful in my work. As managing editor for BioProcessing Journal, I refer to my print copies of the biomanufacturing survey reports regularly when recruiting and editing manuscripts. They are valuable components of my journal production 'toolkit."

-Marci J. Brown, Managing Editor, BioProcessing Journal

ANOTHER REPORT IN THE BIOPHARMACEUTICAL SERIES:

- Advances in Biopharma Tech. in China, 2nd Ed., 2018, Soc. Ind. Microbiol, Biotech
- Top 60 Biopharmaceutical Organizations in China, 2nd Ed., 2018
- Quick Guide to Clinical Trials, 2nd Ed., 2017
- Biosimilars Pipeline Database http://www.biosimilarspipeline.com/index.html
- Top 1000 Global Biomanufacturing Facilities Global analysis and ranking of capacity, employment and pipelines, www.top1000bio.com
- Biopharmaceutical Expression Systems and Genetic Engineering Technologies
- Advances in Biopharmaceutical Manufacturing and Scale-up Production
- Biopharmaceutical Products in the U.S. and European Markets, 8th Ed.
- Advances in Biopharmaceutical Technology in India
- Top 60 Biopharmaceutical Organizations in India
- Quick Guide to Biotechnology in the Middle East
- Quick Guide to Biofuels
- Biopharmaceutical Contract Manufacturing Organizations in China, June 2020
- Directory: China Distributors of Biopharmaceutical Equipment and Supplies, June 2020

For more information visit:

www.bioplanassociates.com/17th or call: +1 301-921-5979

Hard Cover \$975 Digital Global License \$1950

