



*An Invaluable Resource for Trends & Analysis!*

## 15<sup>th</sup> ANNUAL REPORT AND SURVEY OF BIOPHARMACEUTICAL MANUFACTURING

**511 pages of data-rich analysis will help improve your decision-making in biomanufacturing operations, with in-depth analysis of capacity, production trends, benchmarks, and more!**

The 2018 15<sup>th</sup> Annual Report and Survey of Biopharmaceutical Manufacturing Capacity and Production is the most recent study of biotherapeutic developers and contract manufacturing organizations' current and projected future capacity and production.

“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

### BY THE NUMBERS

- 511 pages
- 222 biotherapeutic developers and CMOs represented
- 130 industry vendors & materials suppliers
- 13 chapters
- 200+ Graphs and 28 Tables
- 30+ Independent Sponsoring Organizations
- 25 countries represented
- Includes recombinant & protein therapeutic biopharma companies & vaccine manufacturers

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### COVERAGE INCLUDES IN-DEPTH DISCUSSION, ANALYSIS, AND OVER 200 DATA GRAPHS:

- In-depth analysis of key data, capacity, production trends, and benchmarks
- Budget trends and impact of current economic environment
- Expression system advances
- Downstream purification problems and issues
- Current and projected industry bottlenecks
- Capacity utilization and current production levels
- How capacity bottlenecks are being resolved
- Production trends and implications for industry
- Outsourcing trends
- International offshoring through 2023
- Biosimilars pipeline in development
- Range of titres, growth
- Disposables: Spending growth; downstream uses; L&E's; reasons for increasing/restricting; budget increases; vendor satisfaction
- Disposables: Compare Biodevelopers vs. CMOs & US vs. Europe
- Batch failure rates & trends
- Selecting a CMO — Problems & solutions
- Quality management & PAT implementation
- Hiring and employment growth
- Supplier growth rates
- Much more...

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## 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 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. 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**

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