

Asia Pacific Bioprocess Technology Market Forecast to 2028 - Regional Analysis By Type (Cell Culture Media Bioprocess, Chromatography Bioprocess, and Consumables & Accessories, and Others), Modality (Single Use and Multiple Use), and End User (Academic & Medical Institutions, Biopharmaceutical Companies, Research Laboratories, and Others)

<https://marketpublishers.com/r/A84CE3535A27EN.html>

Date: September 2023

Pages: 141

Price: US\$ 3,000.00 (Single User License)

ID: A84CE3535A27EN

Abstracts

The Asia Pacific bioprocess technology market is expected to grow from US\$ 4,608.64 million in 2023 to US\$ 11,000.75 million by 2028. It is estimated to grow at a CAGR of 19.0% from 2023 to 2028.

Emergence of Automated Real-Time Flow Cytometry (ART-FCM) Drive Asia Pacific Bioprocess Technology Market

Flow cytometry (FCM) and its technological possibilities have greatly advanced in the past decade as an analysis tool for single-cell properties and population distributions of different cell types in bioreactors. Along the way, a few automated Real-Time Flow Cytometry (ART-FCM) solutions were developed for monitoring bioreactor processes without operator interference over extended periods with a variable sampling frequency. ART-FCM enables long-term measurements without missing any important events in bioprocesses and uncovers temporal phenomena that are likely unknown and should be investigated in greater detail. Also, more frequent measurements can be performed at a user-defined frequency, independent of the availability of personnel. When compared with methods such as omics that are only partially available on a single-cell level, multi-parameter measurements can be easily established without the extended effort of labor and time via ART-FCM. Compared with conventional FCM studies, microfluidic devices

great future potential as ART?FCM on a chip. In this context, parallelization might become more relevant, as samples from different bioreactors or different locations inside a bioreactor setup could be analyzed simultaneously. Many aspects might also be adapted to other experimental setups where fast and reproducible real-time monitoring of fluorescent process parameters is also of interest. In conclusion, ART?FCM will most probably advance exponentially in the upcoming years.

Asia Pacific Bioprocess Technology Market Overview

The bioprocessing capacity globally has increased at an average of 12% since the past decade, as per the BioPlan Associates Top 1000 Biofacility Index and Biomanufacturers Database report. China is well positioned as a global participant in markets with both small and large-molecule drugs, accounting for second and third position, respectively, worldwide. Also, China is home to several developers of cell and gene therapy due to China's base for contract development and manufacturing organizations (CDMOs), accounting for ~25% of the country's bioproduction capacity. Therefore, China has considerable biomanufacturing capabilities but strict adherence to the global GMP standards that build confidence in the biologics' safety and effectiveness.

Asia Pacific Bioprocess Technology Market Revenue and Forecast to 2028 (US\$ Million)

Asia Pacific Bioprocess Technology Market Segmentation

The Asia Pacific bioprocess technology market is segmented into type, modality, end user, and country.

Based on type, the Asia Pacific bioprocess technology market is segmented into cell culture media bioprocess, chromatography bioprocess, consumables & accessories, and others. In 2023, the consumables & accessories segment registered the largest share in the Asia Pacific bioprocess technology market.

Based on modality, the Asia Pacific Bioprocess technology market is bifurcated into single use and multiple use. In 2023, the single use segment registered a larger share in the Asia Pacific bioprocess technology market.

Based on end-use, the Asia Pacific Bioprocess technology market is segmented into academic & medical institutions, biopharmaceutical companies, research laboratories, and others. In 2023, the biopharmaceutical companies segment registered the largest

share in the Asia Pacific bioprocess technology market.

Based on country, the Asia Pacific Bioprocess technology market is segmented into China, Japan, India, Australia, South Korea, and the Rest of Asia Pacific. In 2023, China segment registered a largest share in the Asia Pacific bioprocess technology market.

Corning Inc; Danaher Corp; Eppendorf SE; Lonza Group AG; Merck KGaA; Repligen Corp; Sartorius AG; and Thermo Fisher Scientific Inc are some of the leading companies operating in the Asia Pacific bioprocess technology market.

Contents

1. INTRODUCTION

- 1.1 Scope of the Study
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation
 - 1.3.1 Asia Pacific Bioprocess Technology Market - by Type
 - 1.3.2 Asia Pacific Bioprocess Technology Market - by Modality
 - 1.3.3 Asia Pacific Bioprocess Technology Market - by End User
 - 1.3.4 Asia Pacific Bioprocess Technology Market - by Country

2. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET - KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET - MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Asia Pacific PEST Analysis
- 4.3 Expert's Opinion

5. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET - KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Growing R&D Spendings to Introduce New Drug Compounds
 - 5.1.2 Increasing Prevalence of Chronic Diseases
- 5.2 Market Restraints
 - 5.2.1 Stringent Regulatory Policies
- 5.3 Market Opportunities
 - 5.3.1 Introducing Advanced Bioprocess Technologies
- 5.4 Future Trends
 - 5.4.1 Emergence of Automated Real-Time Flow Cytometry (ART-FCM)
- 5.5 Impact Analysis

6. BIOPROCESS TECHNOLOGY MARKET - ASIA PACIFIC ANALYSIS

6.1 Asia Pacific Bioprocess Technology Market Revenue Forecast and Analysis

7. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - BY TYPE

7.1 Overview

7.2 Bioprocess Technology Market Revenue Share, by Type 2022 & 2028 (%)

7.3 Cell Culture Media Bioprocess

7.3.1 Overview

7.3.2 Cell Culture Media Bioprocess: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

7.4 Chromatography Bioprocess

7.4.1 Overview

7.4.2 Chromatography Bioprocess: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

7.5 Consumables & Accessories

7.5.1 Overview

7.5.2 Consumables & Accessories: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

7.6 Others

7.6.1 Overview

7.6.2 Others: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

8. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET ANALYSIS AND FORECASTS TO 2028 - BY MODALITY

8.1 Overview

8.2 Asia Pacific Bioprocess Technology Market, by Modality 2022 & 2028 (%)

8.3 Single Use

8.3.1 Overview

8.3.2 Single Use: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

8.4 Multiple Use

8.4.1 Overview

8.4.2 Multiple Use: Asia Pacific Bioprocess Technology Market - Revenue and

Forecast to 2028 (US\$ Million)

9. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - BY END USER

9.1 Overview

9.2 Asia Pacific Bioprocess Technology Market Revenue Share, by End User 2022 & 2028 (%)

9.3 Academic & Medical Institutions

9.3.1 Overview

9.3.2 Academic & Medical Institutions: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

9.4 Biopharmaceutical Companies

9.4.1 Overview

9.4.2 Biopharmaceutical Companies: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

9.5 Research Laboratories

9.5.1 Overview

9.5.2 Research Laboratories: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

9.6 Others

9.6.1 Overview

9.6.2 Others: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - COUNTRY ANALYSIS

10.1 Overview

10.1.1 Asia Pacific: Bioprocess Technology Market, by Country, 2022 & 2028 (%)

10.1.1.1 China: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.1.1 Overview

10.1.1.1.2 China: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.1.3 China: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.1.1.4 China: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.1.1.5 China Bioprocess Technology Market, by End User, 2019-2028 (US\$

Million)

10.1.1.2 Japan: Bioprocess Technology Market - Revenue and Forecast to 2028

(US\$ Million)

10.1.1.2.1 Overview

10.1.1.2.2 Japan: Bioprocess Technology Market - Revenue and Forecast to 2028

(US\$ Million)

10.1.1.2.3 Japan: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.1.2.4 Japan: Bioprocess Technology Market, by Modality, 2019-2028 (US\$

Million)

10.1.1.2.5 Japan: Bioprocess Technology Market, by End User, 2019-2028 (US\$

Million)

10.1.1.3 India: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$

Million)

10.1.1.3.1 Overview

10.1.1.3.2 India: Bioprocess Technology Market - Revenue and Forecast to 2028

(US\$ Million)

10.1.1.3.3 India: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.1.3.4 India: Bioprocess Technology Market, by Modality, 2019-2028 (US\$

Million)

10.1.1.3.5 India: Bioprocess Technology Market, by End User, 2019-2028 (US\$

Million)

10.1.1.4 South Korea: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.4.1 Overview

10.1.1.4.2 South Korea: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.4.3 South Korea: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.1.4.4 South Korea: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.1.4.5 South Korea: Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

10.1.1.5 Australia: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.5.1 Overview

10.1.1.5.2 Australia: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.5.3 Australia: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.1.5.4 Australia: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.1.5.5 Australia: Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

10.1.1.6 Rest of Asia Pacific: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.6.1 Overview

10.1.1.6.2 Rest of Asia Pacific: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.6.3 Rest of Asia Pacific: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.1.6.4 Rest of Asia Pacific: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.1.6.5 Rest of Asia Pacific: Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

11. ASIA PACIFIC BIOPROCESS TECHNOLOGY MARKET - INDUSTRY LANDSCAPE

11.1 Overview

11.2 Organic Growth Strategies

11.2.1 Overview

11.3 Inorganic Growth Strategies

11.3.1 Overview

12. COMPANY PROFILES

12.1 Merck KGaA

12.1.1 Key Facts

12.1.2 Business Description

12.1.3 Products and Services

12.1.4 Financial Overview

12.1.5 SWOT Analysis

12.1.6 Key Developments

12.2 Sartorius AG

12.2.1 Key Facts

12.2.2 Business Description

12.2.3 Products and Services

12.2.4 Financial Overview

- 12.2.5 SWOT Analysis
- 12.2.6 Key Developments
- 12.3 Thermo Fisher Scientific Inc
 - 12.3.1 Key Facts
 - 12.3.2 Business Description
 - 12.3.3 Products and Services
 - 12.3.4 Financial Overview
 - 12.3.5 SWOT Analysis
 - 12.3.6 Key Developments
- 12.4 Corning Inc
 - 12.4.1 Key Facts
 - 12.4.2 Business Description
 - 12.4.3 Products and Services
 - 12.4.4 Financial Overview
 - 12.4.5 SWOT Analysis
 - 12.4.6 Key Developments
- 12.5 Lonza Group AG
 - 12.5.1 Key Facts
 - 12.5.2 Business Description
 - 12.5.3 Products and Services
 - 12.5.4 Financial Overview
 - 12.5.5 SWOT Analysis
 - 12.5.6 Key Developments
- 12.6 Eppendorf SE
 - 12.6.1 Key Facts
 - 12.6.2 Business Description
 - 12.6.3 Products and Services
 - 12.6.4 Financial Overview
 - 12.6.5 SWOT Analysis
 - 12.6.6 Key Developments
- 12.7 Repligen Corp
 - 12.7.1 Key Facts
 - 12.7.2 Business Description
 - 12.7.3 Products and Services
 - 12.7.4 Financial Overview
 - 12.7.5 SWOT Analysis
 - 12.7.6 Key Developments
- 12.8 Danaher Corp
 - 12.8.1 Key Facts

- 12.8.2 Business Description
- 12.8.3 Products and Services
- 12.8.4 Financial Overview
- 12.8.5 SWOT Analysis
- 12.8.6 Key Developments

13. APPENDIX

- 13.1 About The Insight Partners
- 13.2 Glossary of Terms

List Of Tables

LIST OF TABLES

- Table 1. Asia Pacific Bioprocess Technology Market, Revenue and Forecast, 2020-2028 (US\$ Million)
- Table 2. China Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)
- Table 3. China Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)
- Table 4. China Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)
- Table 5. Japan Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)
- Table 6. Japan Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)
- Table 7. Japan Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)
- Table 8. India Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)
- Table 9. India Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)
- Table 10. India Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)
- Table 11. South Korea Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)
- Table 12. South Korea Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)
- Table 13. South Korea Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)
- Table 14. Australia Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)
- Table 15. Australia Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)
- Table 16. Australia Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)
- Table 17. Rest of Asia Pacific Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)
- Table 18. Rest of Asia Pacific Bioprocess Technology Market, by Modality - Revenue

and Forecast to 2028 (US\$ Million)

Table 19. Rest of Asia Pacific Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)

Table 20. Recent Organic Growth Strategies in Bioprocess Technology Market

Table 21. Recent Inorganic Growth Strategies in the Asia Pacific bioprocess technology market

Table 22. Glossary of Terms

List Of Figures

LIST OF FIGURES

Figure 1. Asia Pacific Bioprocess Technology Market Segmentation

Figure 2. Asia Pacific Bioprocess Technology Market, by Country

Figure 3. Asia Pacific Bioprocess Technology Market Overview

Figure 4. Others Segment Held Largest Share of Type Segment in Asia Pacific Bioprocess Technology Market

Figure 5. India Expected to Show Remarkable Growth During Forecast Period

Figure 6. Asia Pacific: PEST Analysis

Figure 7. Experts' Opinion

Figure 8. Asia Pacific Bioprocess Technology Market Impact and Analysis

Figure 9. Asia Pacific Bioprocess Technology Market - Revenue Forecast and Analysis - 2020-2028

Figure 10. Bioprocess Technology Market Revenue Share, by Type 2022 & 2028 (%)

Figure 11. Cell Culture Media Bioprocess: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 12. Chromatographic Bioprocess: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 13. Consumables & Accessories: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 14. Others: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 15. Asia Pacific Bioprocess Technology Market, by Modality 2022 & 2028 (%)

Figure 16. Single Use: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 17. Multiple Use: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 18. Asia Pacific Bioprocess Technology Market Revenue Share, by End User 2022 & 2028 (%)

Figure 19. Academic & Medical Institutions: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 20. Biopharmaceutical Companies: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 21. Research Laboratories: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 22. Others: Asia Pacific Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 23. Asia Pacific: Bioprocess Technology Market, by Key Country - Revenue (2022) (US\$ Million)

Figure 24. China: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 25. Japan: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 26. India: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 27. South Korea: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 28. Australia: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 29. Rest of Asia Pacific: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

I would like to order

Product name: Asia Pacific Bioprocess Technology Market Forecast to 2028 - Regional Analysis By Type (Cell Culture Media Bioprocess, Chromatography Bioprocess, and Consumables & Accessories, and Others), Modality (Single Use and Multiple Use), and End User (Academic & Medical Institutions, Biopharmaceutical Companies, Research Laboratories, and Others)

Product link: <https://marketpublishers.com/r/A84CE3535A27EN.html>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A84CE3535A27EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970