

Global Extracellular Matrix (ECM) Market Size Study, By Product (Scaffolds, Hydrogels, Bioinks), By Application (Regenerative Medicine, Wound Healing, Drug Discovery), By Source (Animal-Derived, Human-Derived, Synthetic), By End User (Hospitals, Research Institutes, Biotechnology & Pharmaceutical Companies), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G4E3997C5EEEEEN.html>

Date: October 2024

Pages: 285

Price: US\$ 4,950.00 (Single User License)

ID: G4E3997C5EEEEEN

Abstracts

Global Extracellular Matrix (ECM) Market is valued approximately at USD 37.9 million in 2023 and is anticipated to grow with a healthy growth rate of more than 7.8% over the forecast period 2024-2032. The Global Extracellular Matrix (ECM) Market is projected to grow significantly, driven by rising demand for regenerative medicine, increased awareness of advanced wound care therapies, and expanding applications of ECM in 3D bioprinting and drug discovery. ECM is an essential component in the medical and biotechnology industries, where it is used for tissue regeneration, wound healing, and drug testing. ECM-based scaffolds and hydrogels provide structural and biochemical support to damaged tissues, enhancing the body's natural healing processes.

The surge in chronic diseases such as diabetes and cardiovascular diseases has led to increased utilization of ECM for faster wound recovery and tissue regeneration. ECM-based products like scaffolds and hydrogels are now being used in advanced wound care to enhance the healing process in patients with chronic conditions.

While high costs associated with ECM-based therapies pose a challenge, the increasing focus on developing cost-effective solutions and expanding clinical applications presents significant growth opportunities. Major players in the industry are actively investing in R&D and forming partnerships to expand their product portfolios and improve patient outcomes.

North America dominates the ECM market, attributed to its advanced healthcare

infrastructure, significant investments in research and development, and the strong presence of biotechnology and pharmaceutical companies. In addition, Asia-Pacific is expected to witness the fastest growth due to the rising demand for regenerative medicines and expanding biotechnology sector in countries like China, India, and Japan.

Key Market Players:

Corning Incorporated

Baxter

FUJIFILM Holdings Corporation

Integra LifeSciences

CellSystems Biotechnologie Vertrieb GmbH

Biotime, Inc.

Trevigen, Inc.

Advanced BioMatrix

Collagen Matrix, Inc.

Merck KGaA

VWR International LLC

REPROCELL USA Inc.

Thermo Fisher Scientific

DSM

Acelity (KCI Concepts)

The detailed segments and sub-segments of the market are explained below:

By Product:

- Scaffolds
- Hydrogels
- Bioinks

By Application:

- Regenerative Medicine
- Wound Healing
- Drug Discovery

By Source:

- Animal-Derived
- Human-Derived
- Synthetic

By End User:

- Hospitals
- Research Institutes

- Biotechnology & Pharmaceutical Companies

By Region:

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France
 - Spain
 - Italy
 - Rest of Europe
- Asia-Pacific
 - China
 - India
 - Japan
 - Australia
 - South Korea
 - Rest of Asia-Pacific
- Latin America
 - Brazil
 - Mexico
- Middle East & Africa
 - Saudi Arabia
 - South Africa
 - Rest of Middle East & Africa

Years considered for the study are as follows:

- Historical year: 2022
- Base year: 2023
- Forecast period: 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market.

Contents

CHAPTER 1: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET EXECUTIVE SUMMARY

- 1.1. Global Extracellular Matrix Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product
 - 1.3.2. By Application
 - 1.3.3. By Source
 - 1.3.4. By End User
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendations & Conclusion

CHAPTER 2: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply-Side Analysis
 - 2.3.3.1. Technological Advancements
 - 2.3.4. Demand-Side Analysis
 - 2.3.4.1. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET DYNAMICS

- 3.1. Market Drivers
 - 3.1.1. Increasing Demand for Regenerative Medicine
 - 3.1.2. Rising Prevalence of Chronic Diseases
 - 3.1.3. Technological Advancements in 3D Cell Culture
 - 3.1.4. Rising Investments by Companies

3.2. Market Challenges

- 3.2.1. High Costs Associated with ECM-Based Products
- 3.2.2. Lack of Reimbursements
- 3.2.3. Limitations of Animal-Derived ECM

3.3. Market Opportunities

- 3.3.1. Leveraging ECM for Organ-on-Chip Platforms
- 3.3.2. Artificial ECM for Subcutaneous Injection Formulation
- 3.3.3. Emerging Markets in Asia Pacific and Latin America

CHAPTER 4: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Forces Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Forces Model

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economic
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunities

4.4. Top Winning Strategies

4.5. Analyst Recommendations & Conclusion

CHAPTER 5: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET SIZE & FORECASTS BY PRODUCT (2022-2032)

5.1. Segment Dashboard

5.2. Global Extracellular Matrix Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 5.2.1. Scaffolds
- 5.2.2. Hydrogels
- 5.2.3. Bioinks

CHAPTER 6: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET SIZE & FORECASTS BY APPLICATION (2022-2032)

6.1. Segment Dashboard

6.2. Global Extracellular Matrix Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million)

6.2.1. Regenerative Medicine

6.2.2. Wound Healing

6.2.3. Drug Discovery

CHAPTER 7: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET SIZE & FORECASTS BY SOURCE (2022-2032)

7.1. Segment Dashboard

7.2. Global Extracellular Matrix Market: Source Revenue Trend Analysis, 2022 & 2032 (USD Million)

7.2.1. Animal-Derived

7.2.2. Human-Derived

7.2.3. Synthetic

CHAPTER 8: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET SIZE & FORECASTS BY END USER (2022-2032)

8.1. Segment Dashboard

8.2. Global Extracellular Matrix Market: End User Revenue Trend Analysis, 2022 & 2032 (USD Million)

8.2.1. Hospitals

8.2.2. Research Institutes

8.2.3. Biotechnology & Pharmaceutical Companies

CHAPTER 9: GLOBAL EXTRACELLULAR MATRIX (ECM) MARKET SIZE & FORECASTS BY REGION (2022-2032)

9.1. North America Extracellular Matrix Market

9.1.1. U.S. Extracellular Matrix Market

9.1.1.1. Product breakdown size & forecasts, 2022-2032

9.1.1.2. Application breakdown size & forecasts, 2022-2032

9.1.1.3. Source breakdown size & forecasts, 2022-2032

- 9.1.1.4. End User breakdown size & forecasts, 2022-2032
- 9.1.2. Canada Extracellular Matrix Market
- 9.2. Europe Extracellular Matrix Market
 - 9.2.1. UK Extracellular Matrix Market
 - 9.2.2. Germany Extracellular Matrix Market
 - 9.2.3. France Extracellular Matrix Market
 - 9.2.4. Spain Extracellular Matrix Market
 - 9.2.5. Italy Extracellular Matrix Market
 - 9.2.6. Rest of Europe Extracellular Matrix Market
- 9.3. Asia Pacific Extracellular Matrix Market
 - 9.3.1. China Extracellular Matrix Market
 - 9.3.2. India Extracellular Matrix Market
 - 9.3.3. Japan Extracellular Matrix Market
 - 9.3.4. Australia Extracellular Matrix Market
 - 9.3.5. South Korea Extracellular Matrix Market
 - 9.3.6. Rest of Asia Pacific Extracellular Matrix Market
- 9.4. Latin America Extracellular Matrix Market
 - 9.4.1. Brazil Extracellular Matrix Market
 - 9.4.2. Mexico Extracellular Matrix Market
 - 9.4.3. Rest of Latin America Extracellular Matrix Market
- 9.5. Middle East & Africa Extracellular Matrix Market
 - 9.5.1. Saudi Arabia Extracellular Matrix Market
 - 9.5.2. South Africa Extracellular Matrix Market
 - 9.5.3. Rest of Middle East & Africa Extracellular Matrix Market

CHAPTER 10: COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Corning Incorporated
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Market Strategies

- 10.3.2. Baxter
- 10.3.3. FUJIFILM Holdings Corporation
- 10.3.4. Integra LifeSciences
- 10.3.5. CellSystems Biotechnologie Vertrieb GmbH
- 10.3.6. Biotime, Inc.
- 10.3.7. Trevigen, Inc.
- 10.3.8. Advanced BioMatrix
- 10.3.9. Collagen Matrix, Inc.
- 10.3.10. Merck KGaA
- 10.3.11. VWR International LLC
- 10.3.12. REPROCELL USA Inc.
- 10.3.13. Thermo Fisher Scientific
- 10.3.14. DSM
- 10.3.15. Acelity (KCI Concepts)

CHAPTER 11: RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Extracellular Matrix (ECM) Market, report scope

TABLE 2. Global Extracellular Matrix (ECM) Market estimates & forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global Extracellular Matrix (ECM) Market estimates & forecasts by Product 2022-2032 (USD Million)

TABLE 4. Global Extracellular Matrix (ECM) Market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 5. Global Extracellular Matrix (ECM) Market estimates & forecasts by Source 2022-2032 (USD Million)

TABLE 6. Global Extracellular Matrix (ECM) Market estimates & forecasts by End User 2022-2032 (USD Million)

TABLE 7. Global Extracellular Matrix (ECM) Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Global Extracellular Matrix (ECM) Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Global Extracellular Matrix (ECM) Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Global Extracellular Matrix (ECM) Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Global Extracellular Matrix (ECM) Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Global Extracellular Matrix (ECM) Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Global Extracellular Matrix (ECM) Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Global Extracellular Matrix (ECM) Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. U.S. Extracellular Matrix (ECM) Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. U.S. Extracellular Matrix (ECM) Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. U.S. Extracellular Matrix (ECM) Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. Canada Extracellular Matrix (ECM) Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 19. Canada Extracellular Matrix (ECM) Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. Canada Extracellular Matrix (ECM) Market estimates & forecasts by segment 2022-2032 (USD Million)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Extracellular Matrix (ECM) Market, research methodology
- FIG 2. Global Extracellular Matrix (ECM) Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Extracellular Matrix (ECM) Market, key trends 2023
- FIG 5. Global Extracellular Matrix (ECM) Market, growth prospects 2022-2032
- FIG 6. Global Extracellular Matrix (ECM) Market, porters 5 force model
- FIG 7. Global Extracellular Matrix (ECM) Market, PESTEL analysis
- FIG 8. Global Extracellular Matrix (ECM) Market, value chain analysis
- FIG 9. Global Extracellular Matrix (ECM) Market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global Extracellular Matrix (ECM) Market by segment, 2022 & 2032 (USD Million)
- FIG 11. Global Extracellular Matrix (ECM) Market by segment, 2022 & 2032 (USD Million)
- FIG 12. Global Extracellular Matrix (ECM) Market by segment, 2022 & 2032 (USD Million)
- FIG 13. Global Extracellular Matrix (ECM) Market by segment, 2022 & 2032 (USD Million)
- FIG 14. Global Extracellular Matrix (ECM) Market, regional snapshot 2022 & 2032
- FIG 15. North America Extracellular Matrix (ECM) Market 2022 & 2032 (USD Million)
- FIG 16. Europe Extracellular Matrix (ECM) Market 2022 & 2032 (USD Million)
- FIG 17. Asia pacific Extracellular Matrix (ECM) Market 2022 & 2032 (USD Million)
- FIG 18. Latin America Extracellular Matrix (ECM) Market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa Extracellular Matrix (ECM) Market 2022 & 2032 (USD Million)
- FIG 20. Global Extracellular Matrix (ECM) Market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Extracellular Matrix (ECM) Market Size Study, By Product (Scaffolds, Hydrogels, Bioinks), By Application (Regenerative Medicine, Wound Healing, Drug Discovery), By Source (Animal-Derived, Human-Derived, Synthetic), By End User (Hospitals, Research Institutes, Biotechnology & Pharmaceutical Companies), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G4E3997C5EEEEEN.html>

Price: US\$ 4,950.00 (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/G4E3997C5EEEEEN.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