

# Molecular Engineering Market Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/M4EA60703F0CEN.html>

Date: May 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: M4EA60703F0CEN

## Abstracts

Get it in 2 to 4 weeks by ordering today

The future of the molecular engineering market looks promising with opportunities in immunotherapy and synthetic biology applications. The global molecular engineering market is expected to grow with a CAGR of XX% from 2020 to 2025. The major drivers for this market are technological advancement, increasing prevalence of chronic and infectious diseases, surge in demand for simple and efficient molecular engineered products, and rising penetration of molecular cytogenetics in clinical pathological testing.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global molecular engineering market report, please download the report brochure.

In this market, immunotherapy is the largest application segment of molecular engineering, whereas development of pharmaceutical & biotechnology companies is the largest end use. Growth in various segments of the molecular engineering market are given below:

The study includes trends and forecast for the global molecular engineering market by technique and instrument, application, end user, and region as follows:

By Technique and Instrument [Value (\$ Million) shipment analysis for 2014 – 2025]:

Computational and Theoretical Approaches

Microscopy

Molecular Characterization

Spectroscopy

Surface Science

Synthetic Methods

Other Tools

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Immunotherapy

Synthetic Biology

Others

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Pharmaceutical & Biotechnology Research

Materials Science, Robotics, & Mechanical Engineering

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the molecular engineering companies profiled in this report include Thermo Fisher Scientific, Inc., Bio-Rad Laboratories, Inc., Agilent Technologies, Inc., and BioMerieux S.A.

Within this market, pharmaceutical and biotechnology research will remain the largest end user segment over the forecast period due to increasing fish culture activities.

North America will remain the largest region over the forecast period due to government support related to molecular biology research, increasing prevalence of cancer, and presence of advanced healthcare infrastructure in the region.

### Features of the Global Molecular Engineering Market

**Market Size Estimates:** Global molecular engineering market size estimation in terms of value (\$M) shipment. **Trend and Forecast Analysis:** Market trends (2014-2019) and forecast (2020-2025) by various segments. **Segmentation Analysis:** Global molecular engineering market size by various segments, such as technique and instrument, application, and end user in terms of value. **Regional Analysis:** Global molecular engineering market breakdown by North America, Europe, Asia Pacific, and Rest of the World. **Growth Opportunities:** Analysis of growth opportunities in different technique and instrument, application, end user, and region for the global molecular engineering

market. Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global molecular engineering market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global molecular engineering market by technique and instrument (computational & theoretical approaches, microscopy, molecular characterization, spectroscopy, surface science, synthetic methods, and other tools), application (immunotherapy, synthetic biology, and others), end user (pharmaceutical & biotechnology research and materials science, robotics, & mechanical engineering), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global molecular engineering market?

Q.5 What are the business risks and threats to the global molecular engineering market?

Q.6 What are the emerging trends in this molecular engineering market and the reasons behind them?

Q.7 What are some changing demands of customers in this molecular engineering market?

Q.8 What are the new developments in this molecular engineering market? Which companies are leading these developments?

Q.9 Who are the major players in this molecular engineering market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this molecular engineering market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global molecular engineering market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Technique and Instrument (Computational & Theoretical Approaches, Microscopy, Molecular Characterization, Spectroscopy, Surface Science, Synthetic Methods, and Other Tools), Application (Immunotherapy, Synthetic Biology, and Others), and End User (Pharmaceutical & Biotechnology Research and Materials Science, Robotics, & Mechanical Engineering)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

Customization 10% Customization without Any Additional Cost

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. MARKET BACKGROUND AND CLASSIFICATIONS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2014 T 2025**

3.1: Macroeconomic Trends and Forecast

3.2: Global Molecular Engineering Market Trends and Forecast

3.3: Global Molecular Engineering Market by Technique and Instrument

3.3.1: Computational & Therapeutical Approches

3.3.2: Microscopy

3.3.3: Molecular Characterization

3.3.4: Spectroscopy

3.3.5: Surface Science

3.3.6: Synthetic Methods

3.3.7: Other Tools

3.4: Global Molecular Engineering Market by Application

3.4.1: Immunotherapy

3.4.2: Synthetic Biology

3.4.3: Others

3.5: Global Molecular Engineering Market by End User

3.5.1: Pharmaceutical & Biotechnology Research

3.5.2: Materials Science, Robotics, Mechanical Engineering

### **4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION**

4.1: Global Molecular Engineering Market by Region

4.2: North American Molecular Engineering Market

4.2.1: Market by Technique and Instrument: Computational & Theoretical Approaches, Microscopy, Molecular Characterization, Spectroscopy, Surface Science, Synthetic Methods, and Other Tools

4.2.2: Market by Application: Immunotherapy, Synthetic Biology, and Others

4.2.3: Market by End User: Pharmaceutical & Biotechnology Research and Materials

Science, Robotics, & Mechanical Engineering

4.2.4: The United States Molecular Engineering Market

4.2.5: The Canadian Molecular Engineering Market

4.2.6: The Mexican Molecular Engineering Market

4.3: European Molecular Engineering Market

4.3.1: Market by Technique and Instrument: Computational & Theoretical Approaches, Microscopy, Molecular Characterization, Spectroscopy, Surface Science, Synthetic Methods, and Other Tools

4.3.2: Market by Application: Immunotherapy, Synthetic Biology, and Others

4.3.3: Market by End User: Pharmaceutical & Biotechnology Research and Materials Science, Robotics, & Mechanical Engineering

4.3.4: The Molecular Engineering Market of United Kingdom

4.3.5: The German Molecular Engineering Market

4.3.6: The French Molecular Engineering Market

4.4: APAC Molecular Engineering Market

4.4.1: Market by Technique and Instrument: Computational & Theoretical Approaches, Microscopy, Molecular Characterization, Spectroscopy, Surface Science, Synthetic Methods, and Other Tools

4.4.2: Market by Application: Immunotherapy, Synthetic Biology, and Others

4.4.3: Market by End User: Pharmaceutical & Biotechnology Research and Materials Science, Robotics, & Mechanical Engineering

4.4.4: The Chinese Molecular Engineering Market

4.4.5: The Indian Molecular Engineering Market

4.4.6: The Japanese Molecular Engineering Market

4.5: ROW Molecular Engineering Market

4.5.1: Market by Technique and Instrument: Computational & Theoretical Approaches, Microscopy, Molecular Characterization, Spectroscopy, Surface Science, Synthetic Methods, and Other Tools

4.5.2: Market by Application: Immunotherapy, Synthetic Biology, and Others

4.5.3: Market by End User: Pharmaceutical & Biotechnology Research and Materials Science, Robotics, & Mechanical Engineering

4.5.4: Brazilian Molecular Engineering Market

## **5. COMPETITOR ANALYSIS**

5.1: Market Share Analysis

5.2: Product Portfolio Analysis

5.3: Operational Integration

5.4: Geographical Reach

5.5: Porter's Five Forces Analysis

## **6. COST STRUCTURE ANALYSIS**

6.1: Cost of Goods Sold

6.2: SG&A

6.3: EBITDA Margin

## **7. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

7.1: Growth Opportunity Analysis

7.1.1: Growth Opportunities for the Global Molecular Engineering Market by Technique and Instrument

7.1.2: Growth Opportunities for the Global Molecular Engineering Market by Application

7.1.3: Growth Opportunities for the Global Molecular Engineering Market by End user

7.1.4: Growth Opportunities for the Global Molecular Engineering Market by Region

7.2: Emerging Trends in the Global Molecular Engineering Market

7.3: Strategic Analysis

7.3.1: New Product Development

7.3.2: Capacity Expansion of the Global Molecular Engineering Market

7.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Molecular Engineering Market

7.3.4: Certification and Licensing

## **8. COMPANY PROFILES OF LEADING PLAYERS**

8.1: Thermo Fisher Scientific, Inc.

8.2: Bio-Rad Laboratories, Inc.

8.3: Agilent Technologies, Inc.

8.4: BioMérieux S.A.

8.5: Company

8.6: Company

8.7: Company

8.8: Company

8.9: Company

8.10: Company



## I would like to order

Product name: Molecular Engineering Market Report: Trends, Forecast and Competitive Analysis

Product link: <https://marketpublishers.com/r/M4EA60703F0CEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M4EA60703F0CEN.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