

Natural Killer Cells Therapeutics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/N6B446F53512EN.html>

Date: November 2023

Pages: 138

Price: US\$ 2,499.00 (Single User License)

ID: N6B446F53512EN

Abstracts

The global natural killer cells therapeutics market size reached US\$ 2.5 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5.4 Billion by 2028, exhibiting a growth rate (CAGR) of 13.70% during 2022-2028.

Natural killer (NK) cells therapeutics target multiple pathogenic antigens with efficient cytotoxicity and reduce the risk of cytokine storms. They can be produced from a variety of sources without relying on patient-specific immune cells. At present, several strategies have been developed, such as ex vivo pre-conditioning with cytokines or small molecular drugs and engineering a chimeric antigen receptor (CAR) NK, which improve the efficacy of NK cells therapeutics. Moreover, researchers are focusing on maximizing the therapeutic effects of allogeneic NK cells through robust expansion, enhanced targeting, and extended persistence of potent immune cells. This can also help unleash a strong and sustained anti-cancer immune-mediated attack.

Natural Killer Cells Therapeutics Market Trends:

A significant rise in the number of individuals with cancer, infectious diseases, and liver disorders represents one of the primary factors fueling the market growth. This can be attributed to unhealthy dietary patterns, lack of physical activities, growing air pollution, and the increasing number of individuals consuming alcohol and tobacco products. Moreover, as the risk of developing cancer rises dramatically with age, the increasing geriatric population across the globe is acting as another growth-inducing factor catalyzing the demand for NK cells therapeutics. Apart from this, as the immune response of cancer patients is not adequate, health companies are developing novel methods and technologies to boost the immune response through allogeneic, off-the-shelf NK cell-based therapies. Furthermore, there is a rise in the number of clinical

studies that focus on tumor-targeted antibody strategies to enhance the therapeutic benefit of NK-cell-based therapy while minimizing risks and toxicities. In addition, governing agencies of numerous countries are funding financial schemes for cancer patients, which is creating a favorable outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global natural killer cells therapeutics market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on therapeutics, application and end user.

Breakup by Therapeutics:

- NK Cell Therapies
- NK Cell Directed Antibodies

Breakup by Application:

- Cancer
- Gastrointestinal Diseases
- Immunoproliferative Disorders
- Others

Breakup by End User:

- Hospitals
- Research Centers and Institutes
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea

Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Affimed GmbH, Bristol-Myers Squibb Company, Fate Therapeutics, Fortress Biotech Inc., Glycostem Therapeutics, Innate Pharma S.A., Kuur Therapeutics Inc. (Athenex Inc.), Nkarta Inc., Takeda Pharmaceutical Company Limited and Ziopharm Oncology Inc.

Key Questions Answered in This Report

1. What was the size of the global natural killer cells therapeutics market in 2022?
2. What is the expected growth rate of the global natural killer cells therapeutics market during 2023-2028?
3. What are the key factors driving the global natural killer cells therapeutics market?
4. What has been the impact of COVID-19 on the global natural killer cells therapeutics market?
5. What is the breakup of the global natural killer cells therapeutics market based on the therapeutics?
6. What is the breakup of the global natural killer cells therapeutics market based on the application?
7. What is the breakup of the global natural killer cells therapeutics market based on the end user?
8. What are the key regions in the global natural killer cells therapeutics market?

9. Who are the key players/companies in the global natural killer cells therapeutics market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL NATURAL KILLER CELLS THERAPEUTICS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY THERAPEUTICS

- 6.1 NK Cell Therapies
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 NK Cell Directed Antibodies
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

7.1 Cancer

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Gastrointestinal Diseases

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Immunoproliferative Disorders

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Others

7.4.1 Market Trends

7.4.2 Market Forecast

8 MARKET BREAKUP BY END USER

8.1 Hospitals

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Research Centers and Institutes

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Others

8.3.1 Market Trends

8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

- 9.2.1.2 Market Forecast
- 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others

9.3.7.1 Market Trends

9.3.7.2 Market Forecast

9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Affimed GmbH
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.2 Bristol-Myers Squibb Company
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Fate Therapeutics
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.4 Fortress Biotech Inc.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.5 Glycostem Therapeutics
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Innate Pharma S.A.
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.7 Kuur Therapeutics Inc. (Athenex Inc.)
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.8 Nkarta Inc.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.9 Takeda Pharmaceutical Company Limited
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials

- 14.3.9.4 SWOT Analysis
- 14.3.10 Ziopharm Oncology Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Natural Killer Cells Therapeutics Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Natural Killer Cells Therapeutics Market Forecast: Breakup by Therapeutics (in Million US\$), 2023-2028

Table 3: Global: Natural Killer Cells Therapeutics Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Natural Killer Cells Therapeutics Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 5: Global: Natural Killer Cells Therapeutics Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Natural Killer Cells Therapeutics Market: Competitive Structure

Table 7: Global: Natural Killer Cells Therapeutics Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Natural Killer Cells Therapeutics Market: Major Drivers and Challenges

Figure 2: Global: Natural Killer Cells Therapeutics Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Natural Killer Cells Therapeutics Market: Breakup by Therapeutics (in %), 2022

Figure 5: Global: Natural Killer Cells Therapeutics Market: Breakup by Application (in %), 2022

Figure 6: Global: Natural Killer Cells Therapeutics Market: Breakup by End User (in %), 2022

Figure 7: Global: Natural Killer Cells Therapeutics Market: Breakup by Region (in %), 2022

Figure 8: Global: Natural Killer Cells Therapeutics (NK Cell Therapies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Natural Killer Cells Therapeutics (NK Cell Therapies) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Natural Killer Cells Therapeutics (NK Cell Directed Antibodies) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Natural Killer Cells Therapeutics (NK Cell Directed Antibodies) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Natural Killer Cells Therapeutics (Cancer) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Natural Killer Cells Therapeutics (Cancer) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Natural Killer Cells Therapeutics (Gastrointestinal Diseases) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Natural Killer Cells Therapeutics (Gastrointestinal Diseases) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Natural Killer Cells Therapeutics (Immunoproliferative Disorders) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Natural Killer Cells Therapeutics (Immunoproliferative Disorders) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Natural Killer Cells Therapeutics (Other Applications) Market: Sales

Value (in Million US\$), 2017 & 2022

Figure 19: Global: Natural Killer Cells Therapeutics (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Natural Killer Cells Therapeutics (Hospitals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Natural Killer Cells Therapeutics (Hospitals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Natural Killer Cells Therapeutics (Research Centers and Institutes) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Natural Killer Cells Therapeutics (Research Centers and Institutes) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Natural Killer Cells Therapeutics (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Natural Killer Cells Therapeutics (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: North America: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: North America: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: United States: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: United States: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Canada: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Canada: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Asia-Pacific: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Asia-Pacific: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: China: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: China: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Japan: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Japan: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: India: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: India: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: South Korea: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: South Korea: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Australia: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Australia: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Indonesia: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Indonesia: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Others: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Others: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Europe: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Europe: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Germany: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Germany: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: France: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: France: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: United Kingdom: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: United Kingdom: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Italy: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Italy: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 58: Spain: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Spain: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Russia: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Russia: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Others: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Others: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Latin America: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Latin America: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Brazil: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Brazil: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Mexico: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Mexico: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Others: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Others: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Middle East and Africa: Natural Killer Cells Therapeutics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Middle East and Africa: Natural Killer Cells Therapeutics Market: Breakup by Country (in %), 2022

Figure 74: Middle East and Africa: Natural Killer Cells Therapeutics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Global: Natural Killer Cells Therapeutics Industry: SWOT Analysis

Figure 76: Global: Natural Killer Cells Therapeutics Industry: Value Chain Analysis

Figure 77: Global: Natural Killer Cells Therapeutics Industry: Porter's Five Forces Analysis

I would like to order

Product name: Natural Killer Cells Therapeutics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/N6B446F53512EN.html>

Price: US\$ 2,499.00 (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/N6B446F53512EN.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

