

# Immunosuppressants Market Set to Reach \$42,511.37 Million by 2026 with a CAGR of 14.7%

PORTLAND, OREGON, UNITED STATES, May 24, 2023 /EINPresswire.com/ -- The market for [immunosuppressants](#) experienced significant growth in recent years and is projected to continue its upward trajectory in the coming years. Starting with a valuation of \$13,890.0 million in 2018, it is anticipated to soar to a remarkable \$42,511.37 million by 2026, reflecting a robust compound annual growth rate (CAGR) of 14.7% from 2019 to 2026.

This substantial expansion underscores the increasing demand for immunosuppressant drugs and highlights their pivotal role in various medical treatments. As the market continues to evolve, these figures illustrate the immense potential and significance of immunosuppressants in the healthcare industry.



Immunosuppressants Industry

Immunosuppressants play a crucial role in the medical field by suppressing the immune response or agents in the body. These drugs are particularly important during organ transplantation, where the recipient's immune system becomes activated, leading to an immune response similar to encountering foreign material. This immune response can result in severe damage to the transplanted organ, known as rejection, which can manifest as acute or chronic rejection.

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## Key Market Players

AbbVie Inc., Astellas Pharma Inc., Bristol-Myers Squibb Company, GlaxoSmithKline Plc., INTAS PHARMACEUTICALS LTD. (Accord Healthcare Ltd.), Johnson & Johnson (Janssen Pharmaceuticals, Inc.), Mylan N.V., Novartis International AG (Sandoz), Pfizer Inc., Sanofi S.A.

immunosuppressants are used to prevent organ rejection in various transplant procedures, such as kidney, liver, heart, and lung transplants. Autoimmune Disorders: These drugs are employed in the treatment of autoimmune diseases, including rheumatoid arthritis, lupus, Crohn's disease, and myasthenia gravis, to suppress the overactive immune response. Other Diseases: Immunosuppressants may also find applications in other medical conditions, such as certain types of cancer and severe asthma.

1. By Indication: a. Organ Transplantation: Immunosuppressants are extensively used to prevent organ rejection in various transplant procedures, such as kidney, liver, heart, and lung transplants. b. Autoimmune Disorders: These drugs are employed in the treatment of autoimmune diseases, including rheumatoid arthritis, lupus, Crohn's disease, and myasthenia gravis, to suppress the overactive immune response. c. Other Diseases: Immunosuppressants may also find applications in other medical conditions, such as certain types of cancer and severe asthma.

2. By Drug Class: a. Calcineurin Inhibitors: This class of immunosuppressants includes drugs like cyclosporine and tacrolimus, which work by inhibiting the activity of calcineurin, a protein that plays a role in T-cell activation. b. Corticosteroids: Medications like prednisone and methylprednisolone fall under this class, which exert immunosuppressive effects by suppressing inflammation and immune responses. c. Monoclonal Antibodies (mAbs): These are targeted biologic drugs that specifically bind to immune cells or molecules involved in the immune response. Examples include drugs like rituximab, infliximab, and adalimumab. d. mTOR Inhibitors: Drugs such as sirolimus and everolimus target the mammalian target of rapamycin (mTOR) pathway, inhibiting cell proliferation and immune response. e. Other Immunosuppressants: This category encompasses various other immunosuppressive agents, including azathioprine, mycophenolate mofetil, and belatacept, which have distinct mechanisms of action.

3. By Distribution Channel: a. Hospital Pharmacies: Immunomodulatory drugs are often dispensed through hospital pharmacies, where healthcare professionals closely monitor patients and ensure appropriate medication administration. b. Retail Pharmacies: Many immunosuppressants are available in retail pharmacies, allowing patients to obtain their prescribed medications conveniently. c. Online Pharmacies: With the rise of e-commerce, some patients may opt to purchase immunosuppressants through online pharmacies, offering the convenience of home delivery.

immunosuppressants market by region:

Here is an overview of the immunosuppressants market by region:

1. North America (U.S., Canada, Mexico):

- The North American region holds a significant share in the immunosuppressants market due to advanced healthcare infrastructure, a high prevalence of organ transplant procedures, and a large patient population with autoimmune disorders.
- The United States has a well-established pharmaceutical industry and is a major contributor to the market growth in this region. The country also has a high number of organ transplant procedures performed annually.

- Canada and Mexico also contribute to the market, with increasing investments in healthcare infrastructure and a growing patient population requiring immunosuppressant drugs.

## 2. Europe (Germany, France, UK, Italy, Rest of Europe):

- Europe is another significant market for immunosuppressants due to factors such as a high prevalence of autoimmune diseases, increasing organ transplant procedures, and well-developed healthcare systems.
- Countries like Germany, France, the United Kingdom, and Italy have a strong presence in the pharmaceutical industry and contribute significantly to the market growth in the region.
- The European region also has a favorable regulatory environment for drug approvals, which encourages research and development activities in the field of immunosuppressants.

## 3. Asia Pacific (Japan, China, India, Australia, Rest of Asia-Pacific):

- The Asia Pacific region is witnessing rapid growth in the immunosuppressants market due to factors such as a large population base, increasing healthcare expenditure, and rising awareness about organ transplantation and autoimmune disorders.
- Japan has a well-established healthcare system and is a major contributor to the market growth in this region. The country has a high number of organ transplant procedures performed annually.
- China and India, with their large population and improving healthcare infrastructure, offer significant growth opportunities for immunosuppressant drug manufacturers.
- Australia also contributes to the market, with a high prevalence of autoimmune diseases and a growing demand for immunosuppressant drugs.

## 4. LAMEA (Brazil, Saudi Arabia, South Africa, Rest of LAMEA):

- The LAMEA region (Latin America, Middle East, and Africa) is expected to witness steady growth in the immunosuppressants market.
- Brazil, in Latin America, has a growing healthcare sector and a rising number of organ transplant procedures, which drives the demand for immunosuppressant drugs.
- Saudi Arabia, in the Middle East, has a well-developed healthcare infrastructure and is witnessing an increase in organ transplant procedures.
- South Africa, in Africa, also contributes to the market with a growing patient population requiring immunosuppressants.

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@<https://www.alliedmarketresearch.com/immunosuppressants-market/purchase-options>

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