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Market Analysis

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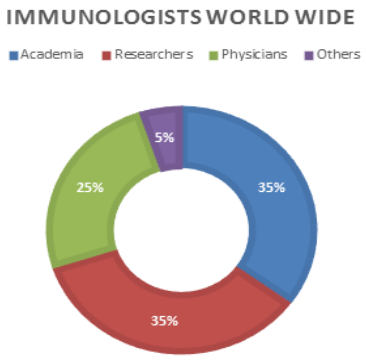
Market Analysis

The global market for immunology was estimated at USD 77,365.4 million in 2018 and is projected to reach USD 143,833.2 million by 2026, with a CAGR of 8.1 per cent in the forecast period. The demand for immunological drugs is projected to grow from $65.1 billion in 2016 to $113 billion in 2023, at a compound annual growth rate (CAGR) of 8.2 percent.



The recent market estimate for immunology research provided by the US research analyst suggests that the UK's global market for immunology and molecular medicine is $4.8 billion, compared to $11 billion in the US. Market value along immunology and molecular science is expected to raise the planet by $24 billion in 2018. A recent report from the Global Business Intelligence (GBI) reports that the global market size for immunology care is set to increase from $61.5 billion in 2015 to an estimated $74.2 billion in 2022, given many imminent expirations of a variety of immunology treatments. It also indicates that a range of eventual products are expected to achieve strong annual revenue in the forecast years, although they are not expected to achieve higher incomes compared to those produced by the current bestselling immunological products.

According to the Centers for Disease Control and Prevention (CDC), an additional 19.3 million cases of cancer are expected to be diagnosed each year by 2025 and, in effect, demand an improvement in early detection of cancer. As in the case of tumor immunology or immuno-oncology, therefore, the higher incidence of molecular immune biomarkers is likely to reach $45.55 billion in 2022 for a CAGR of 11.6 per cent in 2020. Compound Annual Growth Research (CAGR) study of the clinical immunology and immunology industry resulted in 3.63 per cent, from $57.7 billion to $74.1 billion in 2022. Immunology treatment, along with vaccination, is expected to result in a higher blockbuster status of drugs on the market in which the industry plays a key role during the forecast period. These have been believed to have a broad, complex immunological disorder, comprising 2000 + items, which are checked again and again by key product indications. The drug would also make a major contribution to the international demand for immunology.

Importance & Scope:

Immunological research continues to expand our understanding of how to tackle significant health issues, with ongoing research projects in immunotherapy, autoimmune diseases, and vaccines for emerging pathogens, such as Ebola. Advancing our understanding of basic immunology is important for medical and industrial application and has enabled the discovery of new diagnostics and therapies for the management of a wide range of diseases. In contrast to the above, together with the advancement of technology, immunological research has produced essential testing techniques and tools, such as flow cytometry and antibody engineering.

These techniques have permitted the detection of gene coding for molecules such as T-cell receptors and MHC molecules. Genes encoding immunologically important molecules have been cloned and relatively large quantities of pure recombinant proteins have been created. The advent of flow cytometry has revolutionized cell population analysis and the use of polymerase chain reactions has improved the efficiency of microorganism detection. The relationship between cells and molecules of the immune system is extremely complex, and we are only just beginning to understand the intricacy of immune recognition. Many molecules tend to have many different functions depending on their position or the existence of other molecules. The overall function of the cellular system is concerned with strategies for preserving the integrity of individuals with far-reaching implications for embryology, genetics, cell biology, tumor biology and many non-infectious disease processes.

Target Audience:

- Immunologists
- Cellular and Molecular biologists
- Biotechnologists
- Pulmonologists
- Microbiologists
- Pathologists

- Bioinformatician
- Physicians
- Pediatricians
- Immunology professionals
- Infectious diseases treatment doctors
- University Professors
- Various Societies and their members
- Institutes-Medical Schools Students
- Research Scholars
- Laboratory technicians
- Business Entrepreneurs
- Manufacturing Medical Devices Companies
- Companies producing vaccines, GMO's and allergy therapeutics

Related Companies/Industries:

- Roche Holding AG immunology
- Corning Inc.l
- Abcam
- Pfizer
- Ablynx
- Recursion Pharmaceuticals, Inc
- Sanofi
- Janssen Pharmaceutica
- Five Prime Therapeutics Inc
- Grifols
- Clinipace
- AllCells
- AbbVie Inc.
- Janssen Global Services
- F. Hoffmann-La Roche Ltd
- Amgen Inc.
- Pfizer Inc.
- Novartis AG
- Astellas
- Bristol-Myers Squibb Company
- Merck Sharp and Dohme Corp.
- UCB SA
- ALLERGAN

Related Associations and Societies:

- The American Association of Immunologists
- HIV Medicine Association
- Canadian Public Health Association
- Federation of Clinical Immunology Societies
- The American Association of Immunologist
- American Academy of Allergy
- Asthma, and Immunology
- Argentina Society of Immunology
- Colombian Association of Allergy
- Canadian Society of Immunology
- European Federation for Immunogenetics
- Bangladesh Society of Allergy and Immunology
- Belgian Society for Allergy and Clinical Immunology
- Bulgarian Society for Immunology
- Spanish Society of Immunology
- British Society of Immunology
- The British Society for Histocompatibility and Immunogenetics
- European Academy of Allergy & Clinical Immunology
- Society for Mucosal Immunology
- Irish Society of Immunology
- Austrian Society for Allergology and Immunology
- Zimbabwe Society of Immunology
- Indian Immunology Society
- Japanese Society for Immunology
- Egyptian Society of Immunology
- South African Immunology Society
- Chinese Society of Immunology
- Singaporean Society for Immunology
- Israel Immunological Society
- Japanese Society of Allergy
- Korean Association of Immunologists
- Korean Academy of Asthma, Allergy and Clinical Immunology
- Malaysian Society of Allergy and Immunology
- Federation of African Immunological Societies
- Iranian Society for Immunology
- Allergy & Immunology Society of Sri Lanka