Macrolide Antibiotics Market Information: By Drugs (Azithromycin, Clarithromycin, Erythromycin, Fidaxomicin and Telithromycin), By Route of Administration (Oral, Parenteral), By Indication (Infection Due to Mycoplasma Pneumoniae, Legionella Sp, or Bordetella Pertussis, Symptomatic Cat-Scratch Disease, Bacillary Angiomatosis, Peliosis Hepatis in Patients with AIDS, Cerebral Toxoplasmosis, Uncomplicated Skin Infections, others), By End User (Hospitals, Dermatology Clinics, Pharmaceutical Companies, others) - Global Forecast till 2023

Market Synopsis of the Global Macrolide Antibiotics Market

Market Scenario

Macrolides are a class of antibiotics derived from Saccharopolyspora erythraea. They inhibit protein synthesis in bacteria by binding to the 50S ribosomal element and effective against gram positive bacteria and intracellular pathogens such as Legionella, Mycoplasma, and Chlamydia. It primarily acts as a bacteriostatic agent against many strains of Corynebacteria, Listeria, Moxicella, Streptococci, Neisseria meningitides, Staphylococci, Clostridia, and Haemophilus sp.

The market of macrolide antibiotics exhibits a significant growth across the globe owing to the increasing prevalence of skin infections and growing demand for drugs against bacterial skin infections.

Major concerns involved in the use of macrolide antibiotics are GI disturbances and inhibition of hepatic metabolism. According to a study published in the Journal of the American College of Cardiology, macrolide antibiotics may increase the risk of sudden cardiac death, ventricular tachyarrhythmias, and cardiovascular death in patients, which may hinder the growth of the market over the review period.

The global macrolide antibiotics market is expected to grow at a CAGR of 12.5% during the forecast period from 2017-2023.

FIGURE 1 Global Macrolide Antibiotics Market, By Region, 2016 (%)
Key Players in the Global Macrolide antibiotics Market

Some of the key players in this market are Merck Sharp & Dohme Corp (U.S.), Pfizer Inc. (U.S.), Neo Quimica (Brazil), Macrolide Pharmaceuticals (U.S.), Teva Pharmaceutical Industries Ltd. (Israel), Fresenius Kabi USA (U.S.), Sandoz International GmbH (Germany), Gland Pharma Limited (India), Mylan N.V. (U.S.), and WOCKHARDT (U.S.)

Segments

The global macrolide antibiotics market is segmented on the basis of drugs which includes azithromycin, clarithromycin, erythromycin, fidaxomicin, and telithromycin.

On the basis of route of administration, the market is segmented into oral and parenteral.

On the basis of indication, the market is segmented into infection due to mycoplasma pneumoniae, legionella sp, or bordetella pertussis, symptomatic cat-scratch disease, bacillary angiomatosis, peliosis hepatitis in patients with AIDS, cerebral toxoplasmosis, uncomplicated skin infections, and others.

On the basis of end user, the market is segmented into hospitals, dermatology clinics, pharmaceutical companies, and others.

Research Methodology
Regional Analysis of the Global Macrolide Antibiotics Market
The American region accounted for the largest share of the global market due to increasing prevalence of skin infections, and presence of prominent market players. The prevalence of bacterial skin infection increasing in the US from the last few years. Also, the number of visits to the emergency department has increased. Furthermore, increasing dose of antibiotics in number of out-patient settings in the U.S, which will drive the growth of the market over the forecast period.

Europe is the second largest market that holds a noticeable share of the global macrolide antibiotics market. In France, prevalence of symptomatic cat-scratch disease has been increasing from the last few years.

In Asia Pacific, prevalence of skin disease is found to be increasing in Japan. Rising prevalence of skin diseases, and growing awareness about the use of macrolides for the treatment of uncomplicated skin infections drives the market in Asia Pacific.

The Middle East and Africa show steady growth in the macrolide antibiotics market.

Intended Audience

- Pharmaceutical Companies
- Medical Research Laboratories
- Research and Development (R&D) Companies
- Market Research and Consulting Service Providers
- Potential Investors

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