Antibiotics: Technologies and Global Markets

Description:
This study defines and measures the global antibiotics market. It forecasts the revenue of the global antibiotics market and strategically analyzes each submarket with respect to individual growth trends and contribution to the overall antibiotics market. Includes forecast through 2020.

This report provides:
- An overview of the global markets and related technologies for antibiotics
- Analyses of global market trends, with data from 2014, 2015, and projections of compound annual growth rates (CAGRs) through 2020
- Breakdowns of the market by human application and veterinary application
- A look at major market trends and the factors driving or inhibiting the growth of the global pharmaceutical antibiotics market and its various submarkets
- Profiles of key players in the market and analysis of their core competencies and market shares
- Detailed coverage of:
  - Beta–lactams
    -- Penicillin
    -- Cephalosporins
    -- Carbapenems
  - Fluoroquinolones
    -- Second generation
    -- Third generation
    -- Others
  - Macrolides
  - Tetracycline
  - Other antibiotic classes

Study Goals and Objectives:
Metamaterials offer seemingly endless possibilities, but it is unlikely that all of these possibilities will become reality. The goal of this report is to survey emerging metamaterials technologies and applications, identify those that are most likely to achieve significant commercial sales in the next five years to 10 years, and develop quantitative estimates of potential sales. The report generally avoids futuristic speculation concerning technology applications that might be possible 10 years or further into the future and instead focuses on applications that are expected make it to market by 2025.

The report’s specific objectives, which include identifying the metamaterials with the greatest commercial potential in the 2015 to 2025 time frame, identifying market drivers and evaluating obstacles to their successful commercialization, and projecting their future sales, support this broad goal.

Highlights:
- The global market for metamaterials is expected to grow from $307.7 million in 2015 to roughly $1 billion by 2020, and nearly $2.5 billion by 2025, with a compound annual growth rate (CAGR) of 19.4% for the period of 2020-2025
- The electromagnetic market will grow from $279 million in 2015 to $612.3 million by 2020 and nearly $1.6 billion by 2025, with a CAGR of 20.6% for the period of 2020-2025
- The extreme-parameter and others market will grow from $28.7 million in 2015 to $409.2 million by 2020 and $871.2 million by 2025 with a CAGR of 16.3% for the period of 2020-2025

Use this report to:
- Gain information about the general properties and historical milestones in the development of metamaterials
- Gain information about the type and application of metamaterials including electromagnetic, acoustic and extreme parameter metamaterials
- Analyze market estimates and projections for each application and material during the period from 2015 to
2025
- Analyze general assessments of expected market trends in the longer term (i.e., 2020–2025)

Intended Audience:

This report is intended specifically for marketing executives, entrepreneurs, investors, venture capitalists and other readers who need to know where the emerging metamaterials market is headed over the next five years to 10 years. The information is organized around specific technologies, but it is largely non-technical in nature and coverage. Therefore, it is less concerned with theory and jargon, and more concerned with products that work, the amount of a particular product the market is likely to purchase, and the price consumers are willing to pay.

The report has not been written specifically for scientists and technologists, but its findings concerning the market for their work, including the availability of government and corporate research funding for different technologies and applications, should be of interest to them as well.

Contents:
Chapter 1: Introduction
- Study Goals and Objectives
- Reasons for Doing the Study
- Scope of Report
- Intended Audience
- Research Methodology
- Analyst's Credentials

Chapter 2: Executive Summary
- Table Summary: Global Antibiotics Market By Class, Through 2020
- Figure Summary: Global Antibiotics Market By Class, 2015 And 2020

Chapter 3: Market Overview
- Introduction
- Bacteria
- Bacterial Infections
- Definition Of Antibiotic
- Classification Of Antibiotics
- History Of Antibiotics And Current Status
- Antibiotic-Resistant Bacteria
- Drivers Restraints And Opportunities
- Market Shares Of Key Companies
- Value Chain Of Antibiotics
- Regulatory Issues
- Key Trends Affecting The Market

Chapter 4: Antibiotic Research And Development
- Reasons For Lack Of Innovation In Antibiotic Research
- Strategies To Promote Antibiotic Research

Chapter 5: Antibiotics Market By Type
- Market Size Estimation
- Market Share Estimation
- Global Antibiotics Market By Class

Chapter 6: Veterinary Antibiotics Market

Chapter 7: Company Profiles

Chapter 8: Clinical Trials On Antibiotics
- Antibiotics In Phase Ii Clinical Trials
- Antibiotics In Phase I Clinical Trials
- Figure 9: Antibiotics In Phases I-iii Clinical Trials, 2015
- Table 66: Antibiotic Compounds In Phase Iii Clinical Trials, 2015

Chapter 9: Overview Of Bacteria Types Disease Organisms, Diagnostics, Clinical Manifestations And
Treatments

Chapter 10: List Of Acronyms

List Of Tables

Summary Table : Global Antibiotics Market By Class, Through 2020
Table 1 : Differences Between Gram-Negative And Gram-Positive Bacteria
Table 2 : Classification Of Bacteria By Shape
Table 3 : Principles For Judicial Use Of Antibiotics
Table 4 : Incidence Of Upper Respiratory Tract Infections Caused By Streptococcus By Country, 2010
Table 5 : Common Causative Microbes Of Community And Hospital-Acquired Pneumonia
Table 6 : Preferred Pharmacotherapy For Microorganisms Causing Bacterial Pneumonia
Table 7 : Incidence Of Community-Acquired Pneumonia By Country, 2010
Table 8 : Incidence Of Urinary Tract Infections Caused By Streptococcus By Country, 2010
Table 9 : Incidence Of Bacterial Skin And Skin Structure Infections Caused By Streptococcus By Country, 2010
Table 10 : Incidence Of Bacterial Vaginosis Infections Caused By Streptococcus By Country, 2010
Table 11 : U.S. Life Expectancy At Birth, 1920-2013
Table 12 : Antibiotics: Year Of Introduction, Mode Of Action And Target Species
Table 13 : Antibiotics: Mode Of Action
Table 14 : Estimated Deaths Per Year Caused By Amr By Region, 2050
Table 15 : Types Of Antibiotics And Methods Of Resistance
Table 16 : Current And Emerging Antibiotic-Resistant Bacteria
Table 17 : Biochemical Mechanism Of Antibiotic Resistance
Table 18 : Additional Cost And Length Of Stay Due To Antibiotic-Resistant Bacteria By Region
Table 19 : Comparison Of U.S. And Eu Orphan Drug Legislation And Process
Table 20 : List Of Delinkage Models
Table 21 : List Of Hybrid Models
Table 22 : Global Antibiotics Market By Class, Through 2020
Table 23 : Global Antibiotics Market By Region, Through 2020
Table 24 : Global Market For Beta-Lactam Antibiotics By Type, Through 2020
Table 25 : Global Market For Beta-Lactam Antibiotics By Region, Through 2020
Table 26 : Global Market For Penicillin By Region, Through 2020
Table 27 : Types Of Penicillin By Brand Name And Approval Date
Table 28 : Global Market For Cephalosporin By Region, Through 2020
Table 29 : Generations Of Cephalosporin
Table 30 : List Of First-Generation Cephalosporins
Table 31 : List Of Second-Generation Cephalosporins
Table 32 : List Of Third-Generation Cephalosporins
Table 33 : List Of Fourth-Generation Cephalosporins
Table 34 : List Of Fifth-Generation Cephalosporins
Table 35 : Global Market For Carbapenem By Region, Through 2020
Table 36 : Types Of Carbapenems
Table 37 : Development History Of Fluoroquinolones
Table 38 : Global Market For Fluoroquinolones By Generation, Through 2020
Table 39 : Global Market For Fluoroquinolones By Region, Through 2020
Table 40 : Global Market For Second-Generation Fluoroquinolones By Region, Through 2020
Table 41 : Global Market For Third-Generation Fluoroquinolones By Region, Through 2020
Table 42 : Global Market For Other Quinolones By Region, Through 2020
Table 43 : Types Of Quinolones
Table 44 : Global Market For Tetracycline By Region, Through 2020
Table 45 : Types Of Tetracycline
Table 46 : Global Market For Macrolide By Region, Through 2020
Table 47 : Types Of Macrolides/Ketolides
Table 48 : Global Market For Other Antibiotics By Region, Through 2020
Table 49 : Differences Between Antibiotic Usage In Animals And Humans
Table 50 : Global Market For Veterinary Antibiotics By Application, Through 2020
Table 51 : Global Market For Veterinary Therapeutic Antibiotics By Type, Through 2020
Table 52 : Global Market For Veterinary Therapeutic Antibiotics By Animal Type, Through 2020
Table 53 : Astrazeneca Revenues And R&D Expenditures, 2012-2014
Table 54 : Bayer Revenues And R&D Expenditures, 2012-2014
List Of Figures

Summary Figure: Global Antibiotics Market By Class, 2015 And 2020
Figure 1: Classification Of Antibiotics
Figure 2: CDC List Of Highly Concerning Bacteria, According To Threat Level
Figure 3: Increase In Aging Population, 2011 And 2050
Figure 4: Global Market Shares For Antibiotic Companies, 2014
Figure 5: Reasons For Lack Of Innovation In Antibiotic Research
Figure 6: Strategies To Promote Antibiotic Research
Figure 7: Antibiotics By Class
Figure 8: Types Of Beta-Lactam Antibiotics
Figure 9: Antibiotics In Phases I-Ii Clinical Trials, 2015

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3635980/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Antibiotics: Technologies and Global Markets
Web Address: http://www.researchandmarkets.com/reports/3635980/
Office Code: SCPLROSN

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 8500</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ____________________________ Last Name: ____________________________
Email Address: * ____________________________
Job Title: ____________________________
Organisation: ____________________________
Address: ____________________________
City: ____________________________
Postal / Zip Code: ____________________________
Country: ____________________________
Phone Number: ____________________________
Fax Number: ____________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World