

## Market Analysis Report of Micro Biology 2020

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Conference Series LLC Ltdsummon all the participants from all over the world to attend International Conference on Applied Microbiology and Infectious Diseases during September 25-26, 2020 at Online event which includes keynote presentations, Oral talks, Poster presentations and Exhibitions.

Applied Microbiology 2020 will be held in Online Event from September 25-26, 2020.

Applied Microbiology 2020 aims to provide a platform where academics and practitioners from cross-disciplinary fields from education, environmental protection industry, and business can come together and collaborate. The event will encourage the exploration of the potential synergies that may arise from pooling the different perspectives. We invite you to submit papers on Applied Microbiology. Poster and oral presentations, and thesis presentations will be included in the Conference Program. Applied Microbiology covers all aspects of Microbiology and Pathology, and broadly encompasses Microbiology processes, and Atmospheric Changes, Infectious Diseases. It also considers the interactions between humans and these systems.

### GLOBAL APPLIED MICROBIOLOGY

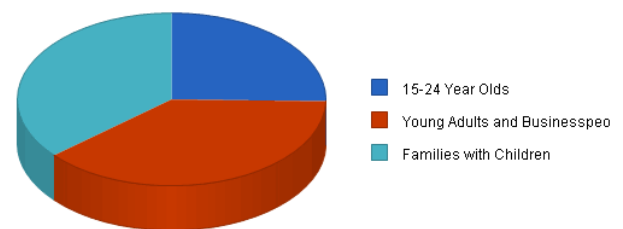
The global virology market is estimated at \$1693 million in 2017 and is estimated to grow at a CAGR of 5.4% during the forecast period 2018-2023. North America is the largest virology market led by the U.S., owing to technological advancements such as rapid, portable diagnostics. North America is expected to retain the top market position over the forecast period as well.

Europe is projected to maintain the position as the second largest market globally. During the forecast period, Europe is anticipated to record the highest CAGR, attributed by enhanced healthcare infrastructure, facilitated access to diagnostics, and growing affordability of diagnostic tests for viral diseases.

Vancouver is currently a growing microbiology market, which is estimated to grow at a remarkable CAGR through to 2025. However, APEJ and Africa are expected to witness

the most promising growth opportunities during the forecast period. While China will be a leading APEJ market, India will contribute a considerable revenue share to the APEJ virology market.

Market Analysis



### KEY PLAYERS in the GLOBAL MICROBIOLOGY MARKET

The notable players identified in the global virology market include GlaxoSmithKline plc, Abbott Laboratories, Boehringer Ingelheim Corporation, Merck and Co. Inc., Novartis International AG, Siemens, Johnson & Johnson, AstraZeneca AB, and Roche.

Merck and Co. Inc. has several drug candidates in phase 2, including cancer, diabetes, cardiac arrest, and hepatitis C, and some candidates in phase 3, including breast cancer, atherosclerosis, Alzheimer's, Ebola, and HIV. The company also has many other candidates, which are currently under review.

Abivax, a high-profile biotech company in Paris, France, has already successfully produced candidates against dengue and chikungunya viruses. The company has a few more candidates against HIV and Ebola, currently under development.

On the basis of diagnosis tests, hepatitis B, Hepatitis C, HIV, Human Papilloma Virus (HPV), and other tests (like influenza, Ebola, and dengue) are estimated to hold the largest market share globally during the forecast period.

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Viral Infection controlling Methods include Immunoprophylaxis, Active Prophylaxis (Vaccines), Passive Prophylaxis, Antiviral Chemotherapy (Veridical Agents, Antiviral Agents, Immunomodulators), Interferon's (Cytokines). Immunoprophylaxis therapy and antiviral drugs are the fastest growing market segments in the estimated forecast period.

Virology Market is segmented By Applications into Skin and Soft Tissue Infections, Respiratory Tract Infections, GI Tract Infections, Urinary Tract infection, Eye Infections, Sexually Transmitted Diseases, Perinatal Infections. STDs, Urinary tract infections, and respiratory tract infections are currently dominating as compared to the other application types in the global virology market. Virology Market is segmented By End Users into Hospitals, Clinics, Laboratories, Diagnostic Centres, Blood Banks, and Pharmacies.

## GLOBAL VACCINES MARKET

The global vaccine market is driven by the rise in prevalence of infectious diseases, as it is considered to be the best way to prevent such diseases. In addition, emerging vaccines (Zika vaccines, dengue vaccines, cancer vaccines, and others), production of technologically advanced vaccines, advancements in vaccine delivery devices, and increase in immunization programs supplement the market growth.

According to the market research study in 2016, the global vaccines market was worth US\$ 28.0 Bn and is projected to reach a value of US\$ 48.0 Bn by the end of 2025. The market is predicted to register a promising 6.0% CAGR between 2017 and 2025.

## Competitive Market Share

Some of the major players in global market are AstraZeneca, Abbott, Bristol-Myers Squibb, Merck & Co., Johnson & Johnson, Sanofi Pasteur, Pfizer, GlaxoSmithKline, Emergent BioSolutions, Novartis, AstellasPharma, CSL and Novavax. Industry players focus on new product development, mergers, and acquisition to strengthen their market position. Companies should face intense competition for development of novel products.



## WHY to ATTEND?

Our Conference will provide a perfect platform addressing:

- Laudable talks by the top-notch of the global scientific community
- Sterling workshop sessions
- Remarkable Awards and Global Recognition to meritorious Researchers
- Global Networking with 50+ Countries
- Novel Techniques to Benefit Your Research

The most critical commitment of microbiology to the pharmaceutical business is the improvement of anti-infection agents. All anti-infection agents were initially the results of microbial digestion; however the recent research has enabled the production of more improved medications. Vaccines are likewise an important contribution of microbiology towards the drug development. Vaccine production usually requires culturing of huge amounts of bacteria. Steroids are also produced from microorganisms. Microbiology also contributes towards quality control of a pharmaceutical lab.

Probiotics are contained with a range of food and nutrition products such as dietary supplements, medicinal foods, biopharmaceuticals and medical devices delivering probiotics. Prebiotics foods are taken as dietary ingredients to maintain the Biological Symbiosis with the microbial flora. Dietary supplements created through the synergism of Pro and Pre-biotic are the Synbiotics. The nutrition supplemented with the beneficial microbial flora and the associated microbiome in human gut, restoring the human digestive system as a whole is said to be the "Probiotics".e.