

Epidemiology congress 2020 Market Analysis

Iddrishu Bukhari

Professor, National Taiwan University, Ministry of Health, Ghana Health Services, Ghana, E-mail: 2017bidrisu@uhas.edu.gh

Market Analysis on Epidemiology and Infectious Diseases Epidemiology and Infectious Diseases market

Epidemiology and Infectious diseases are disorders caused by organisms — such as bacteria, viruses, fungi or parasites. Many organisms live in and on our bodies. They're normally harmless or even helpful. But under certain conditions, some organisms may cause disease.

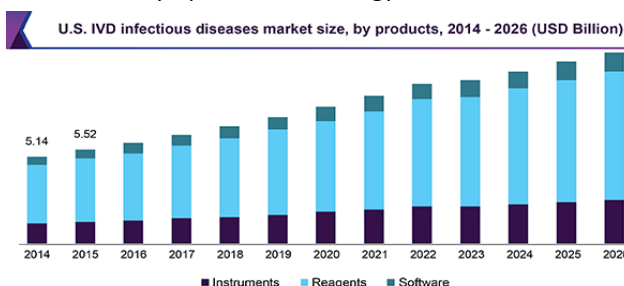
Some infectious diseases can be passed from person to person. Some are transmitted by insects or other animals. And you may get others by consuming contaminated food or water or being exposed to organisms in the environment.

Many infectious diseases, such as measles and chickenpox, can be prevented by vaccines. Frequent and thorough hand-washing also helps protect you from most infectious diseases.

The global infectious disease diagnostics market is projected to reach USD 19.35 Billion in 2022 from USD 14.73 Billion in 2017, at CAGR of 5.6%. According to Statistics MRC, the Global Infectious Disease Diagnostics Market is accounted for \$14.82 billion in 2017 and is expected to reach \$25.90 billion by 2026 growing at a CAGR of 6.4% during the forecast period.

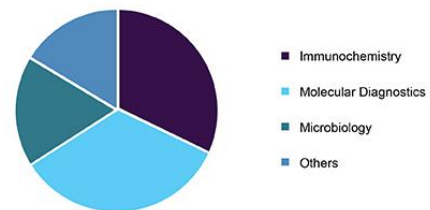
Some of the key factors influencing the market are increasing the prevalence of infectious diseases, growing R& D activities coupled with the development of novel technologies and rising new diagnostic tests for the control of infectious diseases. However, the lack of skilled technicians/professionals and the high cost of these devices hampers the market growth of bacterial disease diagnostics market.

Infectious disease diagnostics involves identifying the presence of foreign antigen/organism using diagnostic tools such as kits. Any bacteria which cause infectious disease are called pathogens. Diagnosis for the causative organism of bacterial disease is always difficult since infections show symptoms like lethargy and fever



Central Nervous System (CNS) Infections is expected to grow at a significant rate during the forecast period. Central nervous system infections caused by bacteria or fungi can lead to a brain abscess or bacterial meningitis. Central nervous system infections caused by viruses can lead to viral meningitis or encephalitis.

Germany IVD infectious diseases market share, by technology, 2018 (%)



Organising Committee Members

Supported through the organizing committee network of renowned scientific and professional expert such as Bukari Iddrisu , Midwifery Training College-Hohoe, Ghana; Ahmed G. Hegazi, National Research centre, Giza, Egypt; Natalia Antonova, Tallinn Children´s Hospital, Estonia.



Bukari Iddrisu , Midwifery Training College- Hohoe, Ghana



Reza Nassiri, Michigan State University, East Lansing, Michigan, USA



Philippa Pascalina sokey, Nursing and midwifery training college, Ghana

LIST OF COMPANIES**USA Infectious Diseases Companies:**

Alere | Abbott | Leica Biosystems | Aperiomics | Arc Bio | Olympus | Objective Infectious Diseases Services | Omynx | LigoLab | American Infectious Diseases Foundation (APF) | Hamamatsu Photonics | MicroScan Technologies | Proscia Digital Infectious Diseases | Q2 Solutions | Proscia Digital Infectious Diseases | Aperio Infectious Diseases Solutions | Aurora Interactive engineers | CIMTEC | Definiens | Hamamatsu Corporation

| HistoIndex | Huron Technologies | Indic Labs | Leica Biosystems | LigoLab | LLTECH systems | Los Alamos National Laboratory | Media Cybernetics | MetaSystems | Olympus America | Optronics | Orchard Infectious Diseases | PathCentral | Psyche Systems | Remote Technologies | Sunquest CoPathPlus | Ventana Medical Systems | Visiopharm

Europe Infectious Diseases Companies:

American Esoteric Laboratories | American Infectious Diseases | Partners Inc | AIP Laboratories | Clinical Labs Inc. | The American Society for Infectious Diseases | West Coast Infectious Diseases Laboratories | American Esoteric Laboratories | College of American Pathologists | Infectious Diseases Laboratories | American Esoteric Laboratories | University of Florida Health Infectious Diseases Laboratories | Infectious Diseases Laboratories | West Coast Infectious Diseases : Compagno John MD | Clinical Infectious Diseases Laboratories | Archives-Infectious Diseases & Lab Med

Middle East Infectious Diseases Companies:

Pasteur Central Laboratories UAE | Freiburg Medical Laboratory Middle East LLC (FML) | Capital Health Screening Centre | National Reference Laboratory (NRL) | Aster DM Healthcare | Fetal Medicine and Genetic Center | Tawam Molecular Imaging Centre (TMIC) | Medsol Diagnostics | EuroSciCon | Al Borg Laboratory | Biosytech | Clinical Infectious Diseases Services LLC (CPS) | Dubai Modern Laboratory | Global Hawk Imaging & Diagnostics (GHID) | Allied Diagnostics | Gulf Diagnostics Center WLL | Medsol Diagnostics | Minerva Diagnostics laboratory

Asia Infectious Diseases Companies:

Dr Lal Pvt Ltd | MedPlus Health Services Pvt Ltd | Metropolis Health Services (India) Ltd | City Diagnostic and Health Care Clinic | MediScan Systems | Acton Biotech | Dr. Dangs Infectious Diseases Labs | Helix | Mangalam Diagnostic Research Centre | Mullackals | NM Medical Centre | Piramal Diagnostics | EuroSciCon | Sneha Diagnostics | SRL Diagnostics Ltd | Swagene | Thyrocare Technologies Ltd | Vishesh Hospitals and

Diagnostics Solutions

African Infectious Diseases Companies:

Alere Inc | Bio-Reference Laboratories | DaVita Healthcare Partners Inc., | Genomic Health Inc., | Laboratory Corporation of America | Myriad Genetics Inc., | NeoGenomics Inc., | Quest Diagnostics Inc., | Siemens Healthineers | Sonic Healthcare Limited | Spectra Laboratories | SYNLAB International GMBH

Australia Infectious Diseases Companies:

Clinical Centre of Serbia | Charite – Universitätsmedizin Berlin | University Medical Center Freiburg | University Hospitals of Geneva | LKH Klagenfurt | Motol University Hospital | Modern healthcare | University Hospital Pilsen | Medinova Group | Metro Scans & Laboratory

LIST OF INFECTIOUS DISEASES UNIVERSITIES**USA Infectious Diseases Universities:**

University of Iowa | Vanderbilt University | University of Washington | University of Wisconsin Madison | EuroSciCon | Purdue University West Lafayette | MGH Institute of Health Professions | University of Arizona | University of Kansas | University of Pittsburgh | University of Texas Austin | Boston University | Indiana University | University of North Carolina Chapel Hill | University of Texas Dallas | University of Minnesota Twin Cities | Arizona State University | Ohio State University | University of Illinois Urbana Champaign | Pennsylvania State University University Park | University of Maryland College Park | University of Nebraska Lincoln | Rush University Medical Center | San Diego State University | University of Colorado Boulder | University of Memphis | Florida State University | University of Florida | Northeastern University | Teachers College | Columbia University | Temple University | University at Buffalo | University of Connecticut | University of North Carolina Greensboro | University of South Carolina | University of Utah | George Washington University | James Madison University | University of Cincinnati | University of Tennessee Knoxville | University of Vermont | Gallaudet University | Michigan State University | Ohio University | EuroSciCon

Europe Infectious Diseases Universities:

University of York | University of Nottingham | University of Warwick | University College Dublin | Technische Universität München | Cardiff University | University of Groningen | Queen's University Belfast | Universität Zürich | University of St. Andrews | EuroSciCon | Maastricht University | University College London | University of Bristol | Ecole Polytechnique Federale de Lausanne | University of Edinburgh | King's

College London | University of Cambridge | University of Oxford | ETH Zurich (Swiss Federal Institute of Technology) | University of Brighton | University of Leicester | Manchester Metropolitan University | Newcastle University | University of Nottingham | University of Stirling | University of Westminster | University of Bradford | Dublin Institute of Technology | Trinity College Dublin | Durham University | Harper Adams University | Imperial College London | University of Leeds

Asia Infectious Diseases Universities:

Al Jazeera University UAE | Peking University | Tsinghua University | Nanyang Technological University | University of Hong Kong | Hong Kong University of Science and Technology | University of Tokyo | Korea Advanced Institute of Science and Technology (KAIST) | Seoul National University | Pohang University of Science and Technology | Chinese University of Hong Kong | City University of Hong Kong | | Hong Kong Polytechnic University | Shanghai Jiao Tong University | Zhejiang University | Korea University | Hebrew University of Jerusalem | Tel Aviv University | King Abdulaziz University | National Taiwan University | Nanjing University | Tohoku University | Indian Institute of Science | Koç University | Yonsei University | Tokyo Institute of Technology | Gwangju Institute of Science and Technology | Osaka University | National Tsing Hua University | Sabanca University | Nagoya University | Kyung Hee University | Technion Israel Institute of Technology | Hanyang University | National Chiao Tung University | Toyota Technological Institute | National Taiwan University of Science and Technology (Taiwan Tech) | Indian Institute of Technology Bombay | University of Macau | Veltech University | Kyushu University | Bilkent University | National Cheng Kung University (NCKU) | Sun Yat-sen University | Hong Kong Baptist University | Wuhan University | Tokyo Medical and Dental University (TMDU)

Middle East Infectious Diseases Universities:

Arabian Gulf University | Royal College of Surgeons in Ireland | Mohammed bin Rashid University | Jordan University of Science and Technology | Hashemite University | University of Jordan | Mutah University | Yarmouk University | Kuwait University | Oman Medical College | Sultan Qaboos University | King Saud bin Abdulaziz University for Health Sciences | Salman bin Abdulaziz University | Alfaisal University | Imam Muhammad ibn Saud Islamic University | King Abdulaziz University | King Saud University | University of Dammam | King Faisal University | King Khalid University | Umm al-Qura University | Taif University | Al Qaseem University | Al Jouf University | Taibah University | Ibn Sina National College for Medical Studies | Batterjee

Medical College | University of Hail | Tabuk University | Al-Majmaah University | Maarefa Medical College | Dubai Medical College | Gulf Medical University | United Arab Emirates University | University of Sharjah | Ras al-Khaimah Medical and Health Sciences University | Masdar Institute of Science & Technology | American University of Sharjah | Khalifa University of Science, Technology and Research | Zayed University | Petroleum Institute Abu Dhabi | Higher Colleges of Technology | Abu Dhabi University | University of Wollongong in Dubai | Ajman University of Science & Technology | British University in Dubai | American University in Dubai | Gulf Medical University | American University of Ras al Khaimah AURAK | Alhosn University | Canadian University of Dubai | Al Falah University | Hamdan Bin Mohammed Smart University | American University in the Emirates | Al Ain University of Science & Technology | University of Dubai | Manipal University Dubai Campus | Skyline University College | Amity University Dubai | Jumeira University | Al Jazeera University UAE

African Infectious Diseases Universities:

University of Fort Hare (UFH) | Rhodes University (RU/ Rhodes) | Nelson Mandela Metropolitan University (NMMU/ Madibaz) | Walter Sisulu University (WSU) | University of the Free State (UFS/ Kovsies) | Central University of Technology (CUT) | University of Johannesburg (UJ) | University of Pretoria (UP/ Tuks/ Tukkies) | University of the Witwatersrand (Wits/ Witsies) | Tshwane University of Technology (TUT) (Tshwane campus) | Vaal University of Technology (VUT) | University of KwaZulu-Natal (UKZN/ Natal) | Durban University of Technology (DUT) | University of Zululand (UniZulu) | Mangosuthu University of Technology (MUT) | University of Limpopo (Turffloop) | University of Venda (Univen) | Tshwane University of Technology (TUT) (Polokwane campus) | University of Mpumalanga | Tshwane University of Technology (TUT) (Mbombela campus) | Tshwane University of Technology (TUT) (eMalahleni campus) | Sol Plaatje University | North-West University (NWU/ Potch/ Pukke) | University of the Western Cape (UWC/ U Dubs/ Bush) | University of Cape Town (UCT/ Ikeys) | University of Stellenbosch (Stellies/ Maties) | Cape Peninsula University of Technology (CPUT) | University of South Africa (Unisa)

Australia Infectious Diseases Universities:

Australian National University (ANU) | Australian Catholic University | Australian National University | Bond University | Carnegie Mellon University - Australia | Central Queensland University | Charles Darwin University | Charles Sturt University | Curtin University | Deakin University | Edith Cowan University | Federation University Australia | Flinders University | Griffith

University | James Cook University | La Trobe University | Macquarie University | Monash University | Murdoch University | Queensland University of Technology | Royal Melbourne Institute of Technology | Southern Cross University | Swinburne University of Technology | Torrens University Australia

LIST OF INFECTIOUS DISEASES JOURNALS

The American Journal of Surgical Infectious Diseases | Development and PsychoInfectious Diseases | Modern Infectious Diseases | Brain Infectious Diseases | Toxicological Infectious Diseases | American Journal of Clinical Infectious Diseases | Modern Infectious Diseases | Journal of Clinical Infectious Diseases | The Journal of Infectious Diseases | Indian Journal of Infectious Diseases and Microbiology | American Journal of Infectious Diseases | American Journal of Surgical Infectious Diseases | Journal of Infectious Diseases | Journal of NeuroInfectious Diseases and Experimental Neurology | Annual Review of PhytoInfectious Diseases | Human Infectious Diseases | Journal of Clinical Infectious Diseases - Clinical Molecular Infectious Diseases | American Journal of Clinical Infectious Diseases | PhytoInfectious Diseases | HistoInfectious Diseases | Archives of Infectious Diseases and Laboratory Medicine | Oral Surgery, Oral Medicine, Oral Infectious Diseases and Oral Radiology | Veterinary Immunology and Immunoinfectious Diseases | Annual Review of Infectious Diseases : Mechanisms of Disease | European Journal of Plant Infectious Diseases | NeuroInfectious Diseases and Applied Neurobiology | Histology and HistoInfectious Diseases | Molecular Plant Infectious Diseases | Veterinary Infectious Diseases | International Journal of Gynecological Infectious Diseases | Journal of Oral Infectious Diseases and Medicine | Seminars in Immunoinfectious Diseases | Physiological and Molecular Plant Infectious Diseases | Journal of Invertebrate Infectious Diseases | Plant Infectious Diseases | Avian Infectious Diseases | Journal of Cutaneous Infectious Diseases | Infectious Diseases International | Seminars in Diagnostic Infectious Diseases | Advances in Anatomic Infectious Diseases | American Journal of Dermatoinfectious Diseases | Journal of Comparative Infectious Diseases | International Journal of Experimental Infectious Diseases | Diagnostic Cytoinfectious Diseases | Cardiovascular Infectious Diseases | Experimental and Molecular Infectious Diseases | Infectious Diseases | Paediatric and Developmental Infectious Diseases | American Journal of Speech-Language Infectious Diseases | Diagnostic Molecular Infectious Diseases | Infectious Diseases Research and Practice | PsychoInfectious Diseases | Experimental and Toxicologic Infectious Diseases | Journal of PsychoInfectious Diseases and Behavioral

Assessment | Canadian Journal of Plant Infectious Diseases | Journal of PhytoInfectious Diseases

INFECTIOUS DISEASES ASSOCIATIONS

American Academy of Oral and Maxillofacial Infectious Diseases (AAOMP) | American Association of Avian Pathologists (AAP) | American Association of Neuropathologists (AANP) | American Association of Ophthalmic Pathologists (AAOP) | American Association of Pathologists' Assistants (AAPA) | American Board of Oral and Maxillofacial Infectious Diseases (ABOMP) | American Board of Infectious Diseases (ABP) | American College of Veterinary Pathologists (ACVP) | American Infectious Diseases Foundation (APF) | American Society for Clinical Infectious Diseases (ASCP) | American Society for Colposcopy and Cervical Infectious Diseases (ASCCP) | American Society for Investigative Infectious Diseases (ASIP) | American Society for Veterinary Clinical Infectious Diseases (ASVCP) | American Society of Cytoinfectious Diseases (ASC) | Armed Forces Institute of Infectious Diseases (AFIP) | Association of Indian Pathologists in North America (AIPNA) | Association for Molecular Infectious Diseases (AMP) | Association for Infectious Diseases Informatics (API) | Association of Infectious Diseases Chairs (APC) | British Neuropathological Society (BNS) United Kingdom (UK) | Canadian Association of Neuropathologists (CANP) - Canada (CA) | Canadian Association of Pathologists (CAP) - Canada (CA) | College of American Pathologists (CAP) | Endocrine Infectious Diseases Society (EPS) | European Board of Infectious Diseases (EBP) | European Society for Analytical Cellular Infectious Diseases (ESACP) | European Society of Toxicologic Infectious Diseases (ESTP) | European Society of Veterinary Clinical Infectious Diseases (ESVCP) | Indian Association of Pathologists and Microbiologists (IAPM) India | International Academy of Infectious Diseases (IAP) | International Federation of Cervical Infectious Diseases and Colposcopy (IFCPC) | International Society of Bone and Soft Tissue Infectious Diseases (ISBSTP) | International Society of Gynecological Pathologists (ISGYP) | Intersociety Committee on Infectious Diseases Information (ICPI) | North American Society for Head and Neck Infectious Diseases (NASHNP) | Pathological Society of Great Britain & Ireland (PathSoc) United Kingdom (UK) | Renal Infectious Diseases Society (RPS) | Royal College of Pathologists - United Kingdom (UK) | Royal College of Pathologists of Australasia (RPCA) - Australia (AU)

INFECTIOUS DISEASES SOCIETIES

College of American Pathologists | United States and Canadian Academy of Infectious Diseases | American Society for Clinical Infectious Diseases | American Society of Hematology | International Academy of Infectious Diseases | California Society of Pathologists | Los Angeles Society of Pathologists | The American Association of

Blood Banks | The American Association for Clinical Chemistry | The American Association of Pathologists Assistants | The Clinical Laboratory Management Association | The Clinical Immunology Society | The Association of Genetic Technologists | The American Society of Hematology | The American Society of Clinical Laboratory Scientists | Abu Kabir Forensic Institute | American Association of Neuropathologists | American College of Infectious Diseases | American Osteopathic Board of Infectious Diseases | American Society for Clinical Infectious Diseases | American Society for Cytotechnology | American Society for Investigative Infectious Diseases | American Society of CytolInfectious Diseases | Berkshire Surrey Infectious Diseases Service | British Neuropathological Society | Health Services Laboratories | New York Pathological Society | Pathological Society of London | Sir William Dunn School of Infectious Diseases | Research Institute of Molecular Infectious Diseases