

25th World Biotechnology Congress

Auciello O^{*}

BIOCON Ltd, Czech Republic

^{*}Corresponding author: Orlando Auciello, BIOCON Ltd, Czech Republic, Email: auciello-orlando@gmail.com

Received Date: August 09, 2020; Accepted: August 24, 2020; Published Date: August 31, 2020

Copyright: © 2020 Auciello. This is an open access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

[World Biotechnology 2020](#) welcomes all the attendees, researchers, presenters, associations and exhibitors from everywhere around the globe to London, UK. We have a tendency to square measure delighted to ask you all to attend the “25th World Biotechnology Congress” which is going to be held on the month of July 15-16, 2020 at London, UK. This Congress Committee is exciting and informative conference program together with comprehensive lectures, symposia, workshops on informative topics, poster shows and numerous programs for participants from everywhere the globe. We invite you to World Biotechnology 2020 conference, to share purposeful expertise with scholars from round the world. We look forward to see you at London, UK.

For more info: <https://world.biotechnologycongress.com/>

Importance & Scope:

[World Biotechnology 2020](#) aims to find advances to bring the gathering in London, UK. The biotechnology market in UK has seen huge activity this year in each the areas of commercial biotechnology and in alternative fields. They partner with completely different industries of Biotechnology. They need immense networks of partnering. Since its commencement, Biotechnology series has witnessed around 940 analyzers of nice skills and exceptional research shows from round the world. Attention of Biotechnology and its applications wide current among the common population. Progressive developments within the business have led to several breakthroughs within the applications across the medical, agricultural, aquatic and industrial fields. Extending normality of diseases, as an example, hepatitis B, danger, and another vagrant issue square measure needed to fuel fire during this house. Recent biotechnology develops new merchandise and technologies to fight diseases, cut back our environmental damage, feed the hungry, use less and cleaner energy, and have safer, cleaner and additional economical industrial producing processes.

Why London, UK?

London is the capital and also the largest town of UK, similarly jointly of its sixteen constituent states. With a steady growing population of roughly 3.7 million. London is that the second most populated town correct within the Common Market behind London and also the seventh most populated geographic region within the Common Market. Around tierce of the city's space consists of forests, parks, gardens, rivers, canals and lakes. London may be a world town of culture, politics, media and science. The metropolis may be a well-liked traveler destination. London is home to world-renowned universities, orchestras, museums, and amusement venues, and is host to several sporting events. Its menagerie is that the most visited facility in Europe. The Town is renowned for its festivals, numerous design, nightlife, up to date arts and a really top quality of living. London is internationally recognized jointly of the foremost knowledge-intensive and innovative regions within the world and as a number one provider of solutions and merchandise in key sectors like natural science, ICT and Cleantech. As an

Industrial biotechnology region, LONDON ranks among the

leaders in Europe. Over 150 biotech firms with concerning 5,000 staff analysis and develop new merchandise and processes, significantly within the field of commercial biotechnology. To call however many examples, victorious firms like Astra Biotech GmbH, Luca Industries International GmbH, ProBioGen atomic number 47, Noxxon pharmaceutical company atomic number 47 etc., area unit all set in London. However there area unit alternative benefits, too. a powerful cluster of closely networked, research-based pharmaceutical firms includes major international players like Bausch + Lomb, Bayer AG, Pfizer, Sanofi and Takeda, Molgen etc. Town is exclusive in Europe for its several freelance analysis establishments operating outside of a university context. Obscurity else is such selection to be found in such concentration, and obscurity else is analysis performed at such levels of excellence. Together, these institutes offer associate exceptional platform for innovation, that is power-assisted more by their shut ties to partners within the trade.

Technologies Covered:

- DNA Sequencing
- Fermentation
- Cell Based Assay
- Nanobiotechnology
- Chromatography
- PCR Technology
- Tissue engineering and Regeneration
- Other Technologies

Applications Covered:

- Industrial Processing
- Bioinformatics
- Food & Agriculture
- Health
- Natural Resources & Environment
- Other Applications

Women Scientist (The Women of Science Award):

The majority of the European biotech companies were created as start-ups or spin-offs from academia or industry. The biotech companies are primarily located in scientific parks or incubators (47%), universities or research labs (25%) or are independent (28%). The scientific parks are fundamental network centers for research, enterprise and capital, allowing very small companies to access the necessary resources to grow.

Regionally, London is the leading biotech area in UK, housing approximately 65% of all biotech companies, including Glycotope, Noxxon Pharma, Epigenomics, Adrenomed, Molgen etc.... Additionally, the capital is over 130 hospitals and contract [research organizations \(CROs\)](#) provide excellent opportunities for collaborating on clinical studies. More than 20 university and non-university research institutes perform research in the field of life sciences and provide training and education programs, among them:

- 4 universities with 14 specialized departments and 34 institutes

- 7 universities of applied sciences

- 7 institutes mandated with research tasks by the government.

The below Pie-Chart predicts a median information of placements in biotechnological fields over five years globally. From the Pie-Chart it's identified that Bio Pharmacy corporations will increase its growth in production and managing the medication and merchandise over years, whereas Bio Industries is that the second leading company in its growth than Bio agriculture corporations.

We can conclude that requirement of biotechnologists professionals are the necessity for pharma Industries, food technology industries and marine biotechnology industry. For economics process of the world, its most required place for all national & international biotech companies. The below Pie-Chart predicts a mean information of placements in biotechnological business over a year globally.

Members Associated with Biotechnology:

- Biotechnology Industries
- Biotechnology researchers
- Agro industry
- Biotech Food Industry
- Students
- Research Scholars
- Scientists
- Young Researchers
- PharmaHealth care industries
- Business associates
- Biotechnology entrepreneurs
- Training institutes
- Industrial Biotechnology associations
- London Industries Associated with Biotechnology:

Major research focus in London:

- Genome and proteome research
- Biosensors, bio analytics, molecular biology
- Regenerative medicine
- Molecular medicine
- Microsystems technology
- Nanotechnology
- Optical technologies

Biotechnology Societies and Associations in World:

- Chinese Society of Biotechnology (CSBT)
- Korea Research Institute of Bioscience and Biotechnology (KRIBB)
- Singapore Society for Microbiology & Biotechnology (SSMB)
- Thai Society for Biotechnology (TSB)
- The Korean Society for Biotechnology and Bioengineering (KSBB)
- The Korean Society for Marine Biotechnology (KSMB)

- The Society for Biotechnology, Japan (SBJ)
- Biotechnology Society of Nepal
- National Biotechnology Organizations
- The Society for Biotechnology
- Japan Society for Bioscience, Biotechnology, and Agro chemistry (JSBBA)
- Society for Industrial Microbiology and Biotechnology (SIMB)
- German Association of Biotechnology Industries
- European and International Biotech Industry Associations
- Biotechnology Industry Organization (BIO)

Biotechnology contributes to the modernization of European business. They're employed in a spread of business sectors like aid and prescription drugs, animal health, textiles, chemicals, plastic, paper, fuel, food, and feed process. Taking blessings of biotechnology helps the EU economy grow and provides new jobs to individuals, whereas additionally supporting property development, public health, and environmental protection. The biotech business in Europe spends nearly \$7.32 billion in R&D and \$23.2 billion in revenue. Around 20% of the overall marketed medicines, and the maximum amount as 50% of all medicine that are within the pipeline, are all aid biotech merchandise. The European biotech industry provides employment to around ninety 95,000 people.

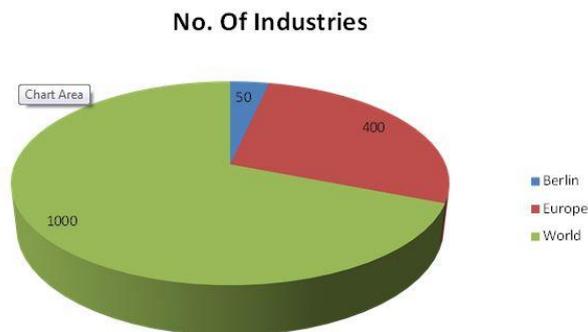
Global biotechnology industry revenue:

Biotech product still slowly gain share from standard medication. Between 2010 and 2016 the worldwide biotech phase grew at a CAGR of 3.7 per cent, from \$263.7 billion to a projected \$293.5 billion, 20 with biotech comprising seven of the highest ten medication in world sales in 2015.21 Over the 5 years from 2016 to 2021, world biotech revenue is calculable to rise to \$314.7 billion.22 bigger world investment in biotechnology, notably in rising economies, can for the most part drive this growth, and therefore the trade anticipated to bear any development to cater to an aging population in additional developed economies.

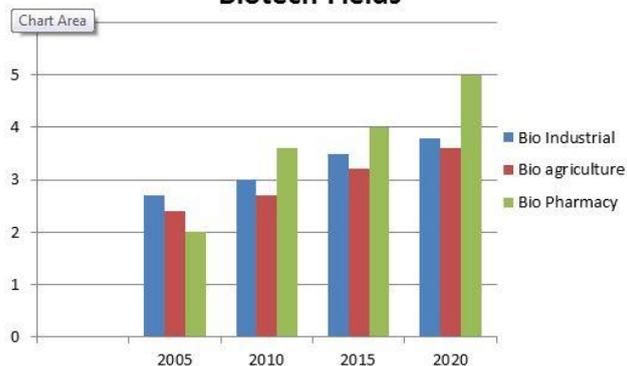
Biotechnology applications market is split into bio pharmacy, bio services, bio agriculture and bio industrial. Biotechnology Technology market has been divided into fermentation, tissue regeneration, PCR technology, Nano biotechnology, action, polymer sequencing, cell primarily based assay et al. Total world Biotechnology market can reach value a price worth of USD 414.5 billion by the

The Global biotechnology market size was calculable at USD 369.62 billion in 2016. Presence of area for partnerships within the sector is anticipated to drive vital progress within the business. The businesses area unit specializing in the event of novel techniques and their implementation by collaborating with the opposite participants. Organizations like the DBT (Department of Biotechnology) along with government funded establishments and different autonomous organizations representing the biotechnology sector promote funding to support R&D and new development endeavours.

Rise in demand for these medicine and diagnostic solutions on principles of red biotechnology, polymer sequencing, and recombinant technology is anticipated to fuel growth. Increasing prevalence of diseases like hepatitis B, cancer, and different orphan disorders is anticipated to fuel demand during this area.



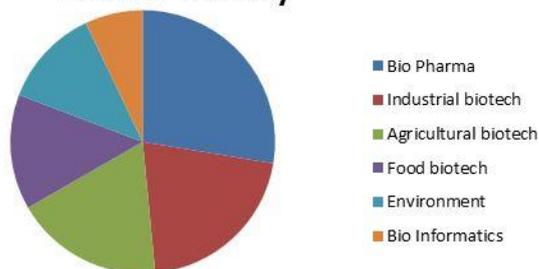
Biotech Fields



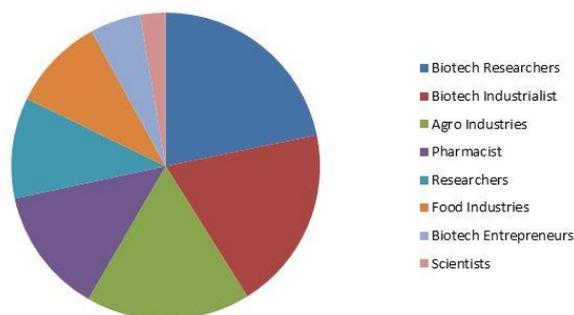
·Epigenomics	·Bayer
·Glycotope	·Aenova
·JPT Peptide Technologies	·Alrise Biosystems
·Metanomics	· Biogenes
·MOLOGEN	· Biotronik
·NOXXON	·Celares
·ProBioGen	World
·ifp Institut für Produktqualität	·Johnson & Johnson
·Bausch + Lomb,	·Roche
·Bayer AG,	·Novartis
·Pfizer,	·Pfizer
·Sanofi	·Merck
·Takeda.	·Gilead Sciences
Europe	·Novo Nordisk
·Adhesys Medical	·Amgen
·Aix Scientifics	·Bristol
·Grunenthal	·Sanofi
·PharmedArtis	·Allergan

·Integer	·Eli lilly
·BioTek Instruments	·Abbvie
·Stada	·Avelumab
·Teleflex Medical	

Biotech Industry



Members Associated with Biotechnology



Biotechnology Research Along World Wide

