2020 Market Analysis of Pharmaceutical research and Innovations in

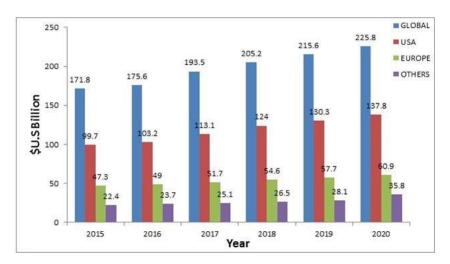
Pharma Industry Conference- Market Analysis

Alexander Seifalian

CEO and Professor, Nanotechnology & Regenerative Medicine, London Bio Science Innovation Centre, United Kingdom, E-mail: a.seifalian@gmail.com

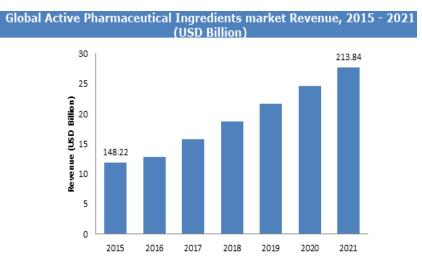
Market Analysis

The United States is the world's largest market for <u>pharmaceuticals</u> and the world leader in biopharmaceutical research. The global market for pharmaceutical Research was \$70.1 billion in 2017 and \$68.9 billion in 2019and this market is expected to rise at a compound annual growth rate (CAGR) of 2.3% from 2013 to 2018 and reach \$77.1 billion by 2018 and the global advanced Pharma Research market should grow from roughly \$178.8 billion in 2015 to nearly \$227.3 billion by 2020, with a compound annual growth rate (CAGR) of 4.9%. The major attraction includes Liberty Bell, Franklin Institute, Eastern State Penitentiary, Barnes Foundation and many more.



Active Pharmaceutical Ingredient Market

Transparency <u>Market research</u> states the opportunity in this market will be worth US\$219.60 bn by 2023 from US\$134.7 bn in 2015. Between the forecast period of 2015 and 2023, the overall market is expected to expand at a CAGR of 6.3%. Between the forecast period of 2015 and 2023, the overall market is expected to expand at a CAGR of 6.3%.

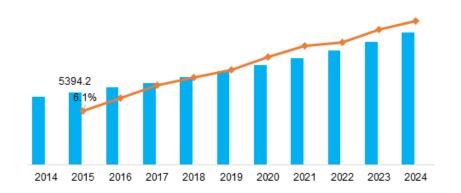


3rd International Conference on Pharmaceutical Research & Innovations in Pharma Industry | Barcelona, Spain

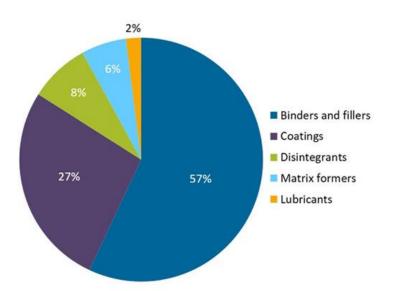
Research & Reviews: Journal of Pharmacy and Pharmaceutical sciences

Pharmaceutical Excipients

The global pharmaceutical excipients market is projected to reach USD 8.1 Billion in 2021 at a CAGR of 6.1% in the forecast period 2016 to 2021. The rising demand for new drug delivery systems, greater understanding of the functional benefits of excipients, growing <u>pharmaceutical industry</u>, and patent expiries of several blockbuster drugs are positively impacting the overall growth of the market.



technology industry is an eminent part of the healthcare sector. It includes, most of all, medical devices which simplify the prevention, diagnosis and treatment of diseases and illnesses. The most well-known medical technology products are, among others, pacemakers, imaging instruments, dialysis machines and implants.



Pharmaceutical Sciences is a stimulating field as it links many scientific disciplines and allows for collaboration with other scientists in researching and developing new drugs. Medicinal chemists apply their chemistry training to the process of synthesizing new pharmaceuticals. They also improve the processes by which existing pharmaceuticals are made. Medicinal chemists are focused on <u>drug discovery</u> and development and are concerned with the isolation of medicinal agents found in plants, as well as the creation of new synthetic drug compounds.

Pharmacy Council stated that more than 275 new chemical production projects had been announced since 2010 with a total value of more than \$170 billion, with a full 49% already complete or under construction; 61% of these are the foreign direct investment. By 2021, U.S. capital spending by the chemical industry will reach \$65 billion—more than triple the level of spending at the start of this prolonged cycle in 2010. The trade surplus in chemicals (excluding pharmaceuticals) will grow to \$36 billion this year as exports rise by 2% to \$132 billion and imports hold steady at \$96 billion. Two-way trade between the U.S. and its foreign partners will reach \$227 billion this year and will grow steadily over the coming years.