

# Bevacizumab-Biosimilars Insight, 2022

https://marketpublishers.com/r/B489208309B7EN.html

Date: January 2022

Pages: 125

Price: US\$ 2,000.00 (Single User License)

ID: B489208309B7EN

# **Abstracts**

This report can be delivered to the clients within 96-120 hours

DelveInsight's, "Bevacizumab— Biosimilar 2022," report provides comprehensive insights about 40+ companies and 40+ marketed and pipeline drugs in Bevacizumab Biosimilars landscape. It covers the marketed and pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

Geography Covered

Global coverage

Bevacizumab Understanding

Bevacizumab: Overview

Bevacizumab, sold under the brand name Avastin, is a medication used to treat a number of types of cancers and a specific eye disease. There is a great deal of evidence indicating that vascular endothelial growth factor (VEGF) is important for the survival and proliferation of cancer cells. VEGF plays an important role in angiogenesis, lymphangiogenesis, and tumor growth, which are all factors that contribute to its attractiveness as a therapeutic target for anti-cancer therapies. In 2004, bevacizumab (Avastin) gained FDA approval for specific types of cancer, and became the first antiangiogenic agent introduced to the market. It is a humanized monoclonal IgG antibody, and inhibits angiogenesis by binding and neutralizing VEGF-A. Bevacizumab is generally indicated for use in combination with different chemotherapy regimens



which are specific to the type, severity, and stage of cancer.

Bevacizumab Biosimilars: Drugs Chapters

This segment of the Bevacizumab report encloses its detailed analysis of various drugs in different stages of clinical development, including marketed, phase III, II, I and preclinical. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

Bevacizumab Biosimilars: Marketed Drugs

Mvasi: Amgen

Mvasi is a vascular endothelial growth factor inhibitor. The U.S. Food and Drug Administration today approved Mvasi (bevacizumab-awwb) as a biosimilar to Avastin (bevacizumab) for the treatment of multiple types of cancer. Mvasi is the first biosimilar approved in the U.S. for the treatment of cancer.

Bryxta: Zydus

Bryxta is a recombinant humanized monoclonal antibody (containing 1337 amino acids) produced in Chinese Hamster Ovary cell line. VEGF is a signal protein which stimulates vasculogenesis and angiogenesis. Bevacizumab binds to VEGF and inhibits its interactions with VEGF receptors (VEGFRs), Flt-1 (VEGFR-1) and KDR (VEGFR-2), on the surface of endothelial cells. This results in regression of tumour vasculature and inhibition of new tumour vessel growth.

Further product details are provided in the report......

Bevacizumab Biosimilars: Emerging Drugs

HD204: Prestige BioPharma

Prestige BioPharma is developing HD204 for the treatment of several Solid Tumors. In 2019, Prestige BioPharma announced positive results from a phase I clinical trial (SAMSON-I) evaluating the pharmacokinetics (PK), safety and immunogenicity of



biosimilar candidate HD204 to Avastin (bevacizumab).

GB 222: Genor Biopharma

Genor Biopharma is developing GB 222 for the treatment of Non-small cell lung cancer. The drug is currently in phase III stage f development.

Further product details are provided in the report......

Bevacizumab: Therapeutic Assessment

This segment of the report provides insights about the different Bevacizumab biosimilars segregated based on following parameters that define the scope of the report, such as:

Major Players in Bevacizumab

There are approx. 40+ key companies which are developing the therapies for Bevacizumab.

Phases

DelveInsight's report covers around 40+ products under different phases of clinical development like

Marketed stage products

Late stage products (BLA Filed and Phase III)

Mid-stage products (Phase II and

Early-stage products (Phase I) along with the details of

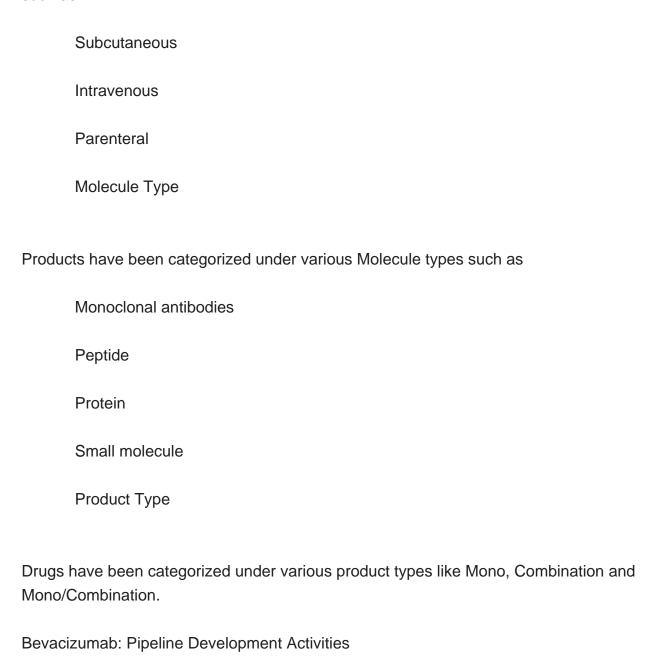
Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates



### Route of Administration

Bevacizumab pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as





# Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging Bevacizumab biosimilar drugs.

# Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence Bevacizumab R&D. The therapies under development are focused on novel approaches to treat/improve Bevacizumab.

In August 2020, Bio-Thera Solutions and BeiGene announced that the companies have executed a license, distribution, and supply agreement for China for Bio-Thera's BAT1706, an investigational biosimilar to Avastin (bevacizumab).

In July 2019, Amgen and Allergan announced that MVASI (bevacizumab-awwb), a biosimilar to Avastin (bevacizumab), and KANJINTITM (trastuzumab-anns), a biosimilar to Herceptin (trastuzumab), are now available in the United States (U.S.).

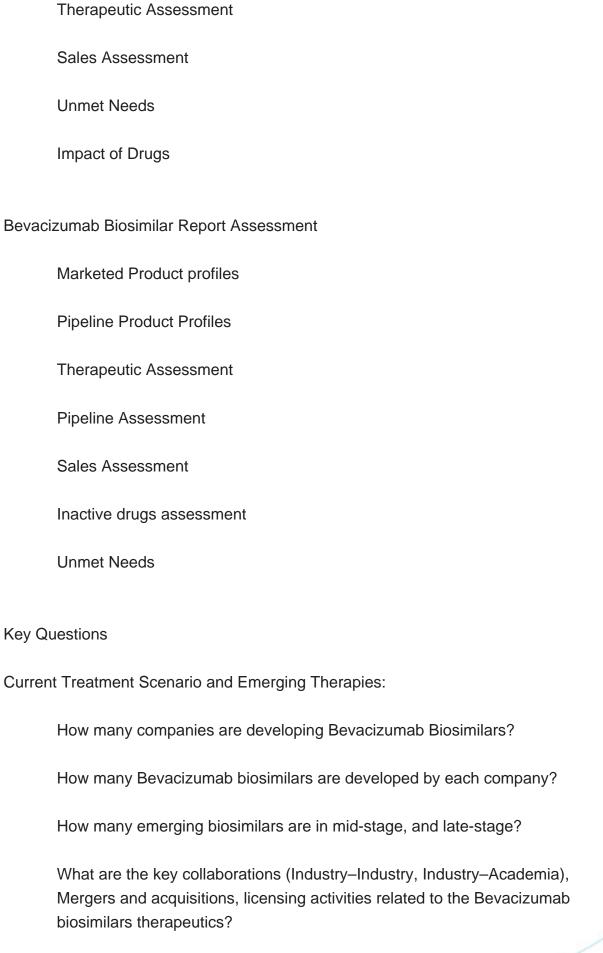
In June 2020, Samsung Bioepis announced that the European Medicines Agency's (EMA) Committee for Medicinal Products for Human Use (CHMP) has adopted a positive opinion for AYBINTIO, a biosimilar candidate referencing Avastin (bevacizumab).

In March 2020, the FDA has accepted a Biologics License Application (BLA) for MYL-1402O, a proposed biosimilar to bevacizumab (Avastin), according to a press release from co-developers Biocon and Mylan. The BLA is seeking approval for the biosimilar as a treatment for multiple types of cancer and the FDA has set an action date goal of December 27, 2020, for a decision on the BLA.

Bevacizumab Biosimilars Report Insights

Bevacizumab Biosimilar Pipeline Analysis







What are the clinical studies going on for Bevacizumab biosimilars and their status?

What are the key designations that have been granted to the emerging drugs?

Key Players		
BioIntegrator		
Mycenax Biotech		
Biocad		
Daiichi Sankyo/ Amgen		
Kashiv BioSciences		
Harvest Moon Pharmaceuticals		
Coherus BioSciences		
Celltrion		
Centus Biotherapeutics Limited		
Shanghai Henlius Biotech		
Innovent Biologics		
mAbxience S.A		
Amgen/ Allergan		
Outlook Therapeutics		

Pfizer



R-Pharm
Samsung Bioepis
Zhejiang Teruisi Pharmaceutical
Tanvex Biopharma
Pfizer
Zydus Cadila
Reliance Life Sciences
Laboratorio Elea
Biocon/Mylan
Bio-Thera Solutions
BioXpress Therapeutics
Boehringer Ingelheim
Zydus Cadila
Dr Reddy's
mAbxience
Genor Biopharma
Gene Techno Science
Dun divinta

Key Products

BI-MAB-02



AiNEX
BCD-021
CHS-5217
CT-16
CT-P16
FKB238
HLX04
IBI-305
MB02
Mvasi
ONS-1045
PF-06439535 (ZIRABEV)
RPH001
SB8
SB9
TRS003
TX-16
Zirabev
Bryxta

BevaciRel





Lumiere
KRABEVA
BAT1706
BX 2314
BI 695502
Bryxta
Versavo
Bevax
GB 222
GBS-004



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<sup>\*</sup>More Companies and products would be added in the final report

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