

Cosmetic Peptide Synthesis Market- Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The cosmetic peptide synthesis market is expected to register a CAGR of 5.5 % over the forecast period of 2022-2027.

The pandemic has an overall negative impact on the cosmetic industry including the cosmetic peptide synthesis industry. For instance, the research study published in October 2021, titled "Beauty During a Pandemic: The Impact of COVID-19 on the Cosmetic Industry" stated significant differences in cosmetic usage; however, post-COVID predicted usage indicates that cosmetic usage will revert back to pre-COVID levels for eye, lip, and skin cosmetics. Despite that the US Cosmetic Industry expected a significant decline in 2020, usage is predicted to return to pre-COVID results for post intentions. The skincare category had little decline mid-COVID and is expected to increase post-COVID. Implementing skincare products as a new product line is highly recommended due to its sustainability through an industry-changing pandemic. Similarly, another article published in October 2020 in the International Journal of Eating Disorders titled "Understanding impacts of the beauty industry shutdown during COVID-19" stated that the study led by researchers from Swinburne's Centre for Mental Health (CMH) has found that while most people reported spending less time investing in their appearance since COVID-19 began, individuals with high dysmorphic concern continued to feel self-conscious about their appearance.

Factors such as increasing disorders of eyes and skin are one of the key factors for the growth of the market. According to Glaucoma Research Society of Canada around 400,000 people were suffering from Glaucoma in Canada for the year 2021. According to the same source with increasingly ageing population and an aging baby boom generation, many more people will have glaucoma in the future. This would increase the demand for the cosmetic peptides. Thus, increasing the growth of the market in the upcoming future. Similarly, according to the Australian Institute of Health and Welfare in 2021, around 16,6878 new cases of melanoma of the skin were diagnosed. The same source stated that 9,869 males and 7,009 females were diagnosed. In 2019, the age-standardised mortality rate was 4.5 deaths per 100,000 persons (6.6 for males and 2.8 for females). In 2021, it is

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estimated that the age-standardised mortality rate will be 4.0 deaths per 100,000 persons (5.6 for males and 2.6 for females). The mortality rate for melanoma of the skin is expected to increase with age. Hence, increasing skin cancer could be avoided by the usage of cosmetic peptides. Thus, increasing prevalence of cancer would increase the market growth in upcoming future.

Awareness is one of the key issue for adopting the cosmetic peptides are people still believes that cosmetics does not provide medicinal benefits. For instance, in December 2021 a paper published in National Library of Medicine stated that there is no conclusive study that proves direct correlation between people suffering from diabetic retinopathy and going for continuous eye screening. Early detection is one of the factors that could provide the treatment for the patients suffering from posterior segment eye disorders however lack of awareness would hinder the growth of the market as patient would start treatment at the later stages. Hence, due to above mentioned factors the market is likely to grow in the future.

Cosmetic Peptide Synthesis Market Trends

Eye Care Segment is Expected to Hold a Significant Market Share Over the Forecast Period

Increasing eye burden is one of the key factors for the growth of the market. For instance, according to the October 2021 report of the World Health Organization, about 2.2 billion people around the world have near or distance vision impairment, of which approximately 1 billion cases of vision impairment can be prevented or could have been prevented which shows the high burden of the cases of vision impairment around the world and possibility of treatment which is why there is a very high demand of the therapeutics for the diseases associated with eyes that are driving the growth of the studied market.

According to the research study published in November 2020, titled "Epidemiology of Glaucoma: The Past, Present, and Predictions for the Future", glaucoma occurs due to the combination of vascular, genetic, anatomical, and immune factors and is a significant health concern as it can cause irreversible blindness and is the second leading cause of blindness after cataracts. As per the same study, it is estimated that approximately 57.5 million people around the world are affected by the primary open-angle glaucoma (POAG) which is expected to reach 111.8 million by 2040, which is a very significant increase and thus, the demand for effective therapeutics is also expected to increase around the world. Increasing therapeutics demands would increase the consumption of cosmetic peptides which will increase the market growth in the future.

Ageing is also an additional factor for eye sight related disorder. According to the World Population Ageing Highlight of 2020 published by the United Nations, the global geriatric population (people of age 65 years or more) was 727 million in 2020 and is expected to reach 1.5 billion by the end of the 2050. Thus, growing global geriatric population will have a significant impact on the growth of the studied segment as it is observed that some of the eye disorders are age related and their prevalence was found highest in the ageing population. Increasing ageing population would require to consume higher amount of cosmetic peptides. Hence, due to above mentioned factors the market is likely to grow in the future.

North America is Expected to Dominate the Market Over the Forecast Period

North America is expected to dominate the overall cosmetic peptide synthesis market throughout the forecast period. The dominance is due to the growing prevalence of eye and skin disorders, and increasing R&D and investment via public and private organizations coupled with awareness programs.

The pharmaceutical sector in the United States has long been a leader in the creation of new medications, and member businesses of the Pharmaceutical Research and Manufacturers of America (PhRMA) continue to remain at the forefront. According to the Pharmaceutical Research and Manufacturers of America 2020, pharmaceutical companies in the United States spent roughly USD 83 billion on R&D in 2019, up from USD 50.7 billion in 2010. According to the data published by the Centers for Disease Control and Prevention (CDC) in 2020 around 4.1 million Americans are affected with diabetic retinopathy, and nearly

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900,000 Americans are threatened with vision-damaging retinopathy. Diabetic retinopathy is one of the leading disorders of eye disorders. Increasing prevalence will increase the demand for treatment in huge population which will boost the growth of the market in the country.

Increasing number of skin disorders in the country is a key factor for the growth of the market. For instance, in 2020 a report published by Canadian Dermatology Association stated that around 8,000 people are suffering from Melanoma skin cancer out of which around 4,400 were men and 3,600 were women. Melanoma is now the 7th most common cancer in Canada and one of the few cancers with incidence rates on the rise among Canadians. According to the research study published in October 2019, titled "A Collagen Supplement Improves Skin Hydration, Elasticity, Roughness, and Density: Results of a Randomized, Placebo-Controlled, Blind Study" stated that placebo-controlled clinical trial confirmed that skin aging could be addressed using nutrients that are able to restore skin hydration, elasticity, and density. Hence, the research suggests that the use of peptides can slow down the decline in collagen production that usually occurs with ageing.

Awareness of dermatology is another factor in the growth of the market. For instance, in May 2022 there are two conferences namely, the "International Conference on Challenges in Dermatology Management in Pediatrics (ICCDMP)" (Montreal, Canada) and the "International Conference on Forensic Pathology and Dermatology (ICFPD)" (Vancouver, Canada) are expected to held. Similarly, there are many conferences in June, July, August, and September followed by conferences in 2023 are expected to held. These conferences would discuss the issues and treatment related to dermatological disorders. As cosmetics peptides play a crucial role in the treatment of skins, as the number of conferences increases the awareness for skin disorder will increase along with the consumption of the cosmetic peptide related products for those disorders. Hence, this will increase the market growth.

Hence, the above mentioned factors are likely to fuel the market growth in this region across the forecast period, contributing to its outstanding market share in the global cosmetic peptide synthesis market?

Cosmetic Peptide Synthesis Market Competitor Analysis

The cosmetic peptide synthesis market is moderately competitive, with several major players. Some companies are expanding their market position by adopting various strategies, such as acquisitions, mergers, and research collaborations, while others are introducing new products to maintain their market share. In May 2019, CEM Corporation launched Liberty PRO, the world's first-ever large-scale automated microwave peptide synthesizer. The system can synthesize 1 kg of crude peptide per batch utilizing a reaction vessel, with sizes up to 15 liters with unmatched purity, speed, and waste reduction fueling the market revenue share. A few of the major players currently dominating the industry in terms of revenue are AAPPTec, CSBio Company Inc., Biotage AB, Bachem Holding AG, and CEM Corporation.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumptions and Market Definition

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

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4 MARKET DYNAMICS

4.1 Market Overview

4.2 Market Drivers

4.2.1 Increasing Prevalence of Eye and Skin Disorders

4.2.2 Increasing Research and Development Activities

4.3 Market Restraints

4.3.1 Stringent Regulation for Approval of Cosmetic Peptide

4.4 Porter's Five Force Analysis

4.4.1 Threat of New Entrants

4.4.2 Bargaining Power of Buyers/Consumers

4.4.3 Bargaining Power of Suppliers

4.4.4 Threat of Substitute Products

4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION (Market Size by Value - USD million)

5.1 By Technology

5.1.1 Solid-Phase

5.1.2 Liquid-Phase

5.1.3 Hybrid and Recombinant

5.2 By Application

5.2.1 Anti Ageing

5.2.2 Eye Care

5.2.3 Anti Pigmentation

5.2.4 Hair Growth

5.3 By End User

5.3.1 Pharmaceutical and Biotechnology Companies

5.3.2 Contract Development and Manufacturing Organization (CDMO)

5.3.3 Academic and Research Institutes

5.4 Geography

5.4.1 North America

5.4.1.1 United States

5.4.1.2 Canada

5.4.1.3 Mexico

5.4.2 Europe

5.4.2.1 Germany

5.4.2.2 United Kingdom

5.4.2.3 France

5.4.2.4 Italy

5.4.2.5 Spain

5.4.2.6 Rest of Europe

5.4.3 Asia-Pacific

5.4.3.1 China

5.4.3.2 Japan

5.4.3.3 India

5.4.3.4 Australia

5.4.3.5 South Korea

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- 5.4.3.6 Rest of Asia-Pacific
- 5.4.4 Middle-East
 - 5.4.4.1 GCC
 - 5.4.4.2 South Africa
 - 5.4.4.3 Rest of Middle-East
- 5.4.5 South America
 - 5.4.5.1 Brazil
 - 5.4.5.2 Argentina
 - 5.4.5.3 Rest of South America

6 COMPETITIVE LANDSCAPE

- 6.1 Company Profiles
 - 6.1.1 AAPPTec
 - 6.1.2 Activotec
 - 6.1.3 Active Peptide
 - 6.1.4 Bachem Holding AG
 - 6.1.5 Bio Basic Inc
 - 6.1.6 Bio Synthesis
 - 6.1.7 CEM Corporation
 - 6.1.8 Creative Peptides
 - 6.1.9 CSBio Company Inc.
 - 6.1.10 GenScript
 - 6.1.11 Merck KGaA
 - 6.1.12 RS Synthesis, LLC
 - 6.1.13 vivitide

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

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