

Global Synthetic Spider Silk Market Research Report 2012-2024

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Abstracts

SUMMARY

Spider silk is among the strongest known biomaterials. It is the silk used for the framework of the web and it is used to catch the spider if it falls. As such, it is stronger and much more flexible than KEVLAR . Due to its incredible mechanical properties, spider silk is being considered for use as a new biomaterial for drug delivery and tendon and ligament replacement/repair, as well as athletic gear, military applications, airbags, and tire cords. However, spiders cannot be farmed for their silk as they are cannibalistic and territorial. The most reasonable alternative for producing spider silk fibers is to utilize genetic engineering to produce the proteins in a foreign host and then spin fibers from the synthetic protein.

The global Synthetic Spider Silk market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Genetically Modified Yeast Fermentation

Genetically Modified Silkworm

Genetically Modified E. Coli Fermentation

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Bolt Threads

Kraig Biocraft Laboratories

Spiber

AMSilk

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Automobile

Textile

Health Care

Military

Others

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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