

How Can we related Synthetic Biology to Fashion Industry?

200 μm



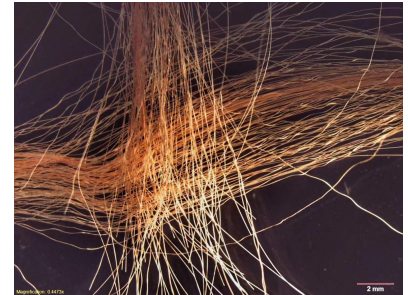
Who Are We?

- SPIDERMAN, Shenzhen, China
- To synthesize natural pigment and comfortable textile
- To lighten the burden of earth by provide an applicable solution to the fashion waste problem



Our Technology

- We offer synthesized microbial spider silk fibers
- We have currently discovered a new method to spider silk using chromo protein, that can give the protein material natural color
- We developed spider silk fibers with difference strength that can give textile different quality



Our Mission

- Lowering raw cost of spider silk by cutting down the budget for coloring
- Offer different quality of textiles using fibers with different mechanical strength
- Safety guarantee and building of trust between us and our customers



200 μm



Competitors and SWOT analysis



Strength:

- Customized colored
- Customized fiber strength
- Eliminating extra pollution from using chemical dye

Weakness:

- High threshold for entering the market
- Difficult to expand current scale of production

Opportunities:

- World growing need for more innovative ideas on sustainable textile material
- Expand market in developing countries
- Increase public awareness on fashion waste problem

Threat:

- Low sale volumes due to high price
- Low trust for GMOs in many Asian countries