# Cloning Facility

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Made in Russia

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The goal of Cloning Facility company is to create an ecosystem of fast and affordable biotechnology services in Russia, with which commercial and scientific projects can develop. In its work the company relies on both modern approaches of molecular biology and its own technologies.

**The company received the resident status of the Skolkovo Innovation Center**

**in 2019**

and entered the Russian market for the assembly of genetic structures

In 2020, the range of services provided by the organization expanded to include custom research and development work for large industrial enterprises.

The main clients of Cloning Facility company are research laboratories and biotechnology companies. In the future, the company plans to expand its presence in the Russian market and also to enter the international market.

# Company's history

Cloning Facility company grew out of a non-profit project of the Institute of Bioorganic Chemistry of the Russian Academy of Sciences, where the company's founders work, due to the fact that the founders faced the lack of companies offering fast assembly of genetic structures both in Russia and abroad.

At first, the project provided services to a small number of laboratories; however, the number of orders began to grow rather rapidly, including from other Russian research institutes. It was at this stage that the company founders decided to develop

this project as an independent business.

## Production

Fast deoxyribonucleic acid assembly was made possible by the company's technological solutions aimed at automating both the design of genetic structures and the optimization of cloning methods. The technology used allows reducing the cost and time of deoxyribonucleic acid assembly by many times, transforming the market by outsourcing this task.

## Products

Cloning Facility produces two types of products - standardized biotechnology services (fast and cheap) and complex research (expensive).

- Examples of standardized services are creation of synthetic deoxyribonucleic acid, assembly of complex plasmids, creation of transgenic microorganisms.
- Examples of complex research are the development of production strains for industry, methods of protein purification, creation of purified protein preparations, creation of transgenic plants and animals, genomic editing.

# Demand for products

Since the beginning of its activities in 2019, the flow of orders made by Cloning Facility is constantly growing. In addition to the existing services, the company Cloning Facility is developing new areas, which allow the company to provide growth in sales and demand for its products in the market.

# Partners

Cloning Facility company actively cooperates with research laboratories of the Institute of Bioorganic Chemistry of the Russian Academy of Sciences and other research institutes in Russia and Europe, Russian start-ups, as well as with major biotechnological and biomedical enterprises.

**The company's team has created several new molecular technologies for the last**

# 5 years

and published scientific articles in the world's leading scientific journals: Nature, Nature Biotechnology, Proceedings of the National Academy of Sciences

# Contacts

Russia, Moscow, 7, ulitsa Nobelya

+7 985 854-98-20

hello@planta.bio

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pr@madeinrussia.ru