

3P Biopharmaceuticals continues its collaboration with U.S. biotech **Zhittya** for the treatment of Parkinson's disease.

it's within us

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The process transfer and GMP supply of the FGF-1 candidate have been achieved successfully by both companies.

Noáin, Spain, May 2, 2023, 3P Biopharmaceuticals (3P), a leading Contract Development and Manufacturing Organization (CDMO) specialized in process development and cGMP manufacturing of biologics, and the American biotech company, Zhittya Genesis Medicine (Zhittya), have successfully accomplished the process transfer and GMP supply of FGF-1 candidate.

3P and Zhittya began their relationship at the beginning of 2019 with 3P being selected as the CDMO to transfer the process for scaling up and performing cGMP manufacturing for clinical studies. After successfully achieving transfer of the process and its first cGMP batch in 2020, Zhittya requested manufacturing of the therapeutic candidate for a new mode of administration involving nasal treatment for use in its Clinical trial in Virgin Islands scheduled along 2023. According to preliminary studies conducted by Zhittya, the results for treating Parkinson's disease using a nasal treatment are highly promising.

Zhittya has chosen human FGF-1 as its candidate protein. This particular growth factor is known for its ability to stimulate the growth of new blood vessels and neurons, making it an ideal therapeutic candidate for treating neurodegenerative diseases such as Parkinson's disease.

Parkinson's Disease affects a significant number of Americans, and recent research has shed light on a potential cause. The obstruction of blood flow to dopamine-producing neurons due to microvascular disorder has been linked to the development of the disease. However, there is hope for those suffering from this condition. Zhittya's treatment, shows promise in slowing the progression of Parkinson's Disease and potentially reversing its symptoms. This breakthrough offers hope to those affected and it underscores the importance of continued research and development in the field of neurology.

Dr. Jack Jacobs, President and Chief Science Officer at Zhittya, explains *"We are very pleased with the collaboration with 3P regarding the tech transfer and GMP supply of our FGF-1 candidate. We hope that this partnership will extend to the manufacturing production of our drug candidates in the future and we look forward to bring us closer to developing effective treatments for those who need them the most."*

This partnership once again demonstrates the knowledge and capacity of 3P to carry out process development and manufacturing that is adapted to the needs of each client using microbial systems.



About Zhitty Regenerative Medicine Inc

Zhitty Regenerative Medicine (Zhitty means “life” in Ukrainian) is advancing a group of drugs which trigger the human body’s natural regeneration processes. Zhitty’s regenerative drugs act by specifically stimulating the growth of new blood vessels (a biological process termed “angiogenesis”) in tissues or organs that have perfusion defects. Lack of blood perfusion to an organ or tissue is the single biggest cause of death in the world. In fact, according to the Angiogenesis Foundation in Cambridge, MA, over 70 human diseases have been linked to a lack of blood perfusion. In addition to its work with Parkinson’s disease, Zhitty has clinical development programs in wound healing and cardiovascular medical conditions, all which are characterized by a lack of blood perfusion.

For further information: www.zhittyregenerativemedicine.com

About 3P Biopharmaceuticals

3P Biopharmaceuticals is a market leading CDMO (Contract Development and Manufacturing Organization) specializing in process development and GMP (Good Manufacturing Practice) manufacturing of biologics and cell therapy products. 3P offers solutions for all stages related to new drug and biosimilar development and manufacturing including cell line and process development, analytical methods development, pre-clinical and clinical supply and commercial manufacturing.

For further information: <http://www.3pbio.com/>