A Brief History

ZINC Laboratories was founded in 2021 by Jacob Canepa, an undergraduate student at Cal Poly San Luis Obispo, in 2021. The mission of the company was to utilize modern computing and scientific techniques to build unique proteins never before seen in nature with novel functionalities. These proteins would, ideally, have the capability to perform chemical reactions or processes originally thought to be impossible by nature's standards. Over the years, the company has developed into an entity solely dedicated to the development of proteins to address modern problems in medicine, pharmacology, and clinical research. Currently, we are involved in the design of proteins for applications in analytical and diagnostic chemistry.

Our Progress

Since being founded in 2021, we have developed and patented 3 major products: FastRib™, CholP™, and ZINCX™. Each of these projects served as landmark developments in their respective fields and demonstrated the capability and applicability of engineered proteins in solving todays most pressing challenges. Ever since, we have been further developing and optimizing our protein platforms as well as researching more advanced computational and biochemical methods for improving the protein design process. ZINC Laboratories has invested over $500 million in developing and expanding the protein engineering platform, and will continue to invest so long as there are problems left to solve.

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ZINC

Proteins for the Future

At ZINC, we believe in the Power of Proteins

Evolution has provided humans with some of the most powerful molecular machines on Earth, however, modern disease shows us the fallibility in Nature's work. As pathogens and bacteria grow stronger, so too does our need to develop more complex biological machinery to combat them. We at ZINC Laboratories are utilizing state-of-the-art science and technology to design, renovate, and engineer new, more powerful proteins for the modern world. Our multidisciplinary approach to molecular design allows us to develop novel, specialized proteins for diagnostic, laboratory, and clinical applications.

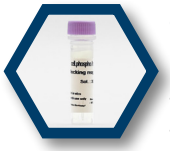
A Diverse Team for Diverse Challenges

Protein engineering is a multidisciplinary field that requires skills and insight from many areas of science and technology. Within our core team, you can find experts in areas like:

- Chemistry & Biology
- Engineering & Physics
- Mathematics & Computer Science

Our team structure allows us to incorporate unique perspectives in our research which guides us toward progress at a rapid pace.

ZINCX™



Our latest product on the market is ZINCX™. ZINCX™ is a protein system that allows for the detection of specific sequences of DNA in biological samples through fluorescence. The protein system is derived from the biological "Zinc-finger" motif found on many naturally occuring DNA-binding proteins. Our engineering has allowed us to attach this "Zinc-finger" motif to a probe that can begin fluorescing when the protein attaches to DNA. Additionally, our modular design allows for the customization of this protein to bind to any desirable sequence, making it both an incredible feat of engineering and a landmark reagent for bioanalytical chemistries and diagnostics. This protein is so important to the development of our laboratory, we even adopted our company name from the "Zinc-finger" itself. To learn more about this product, visit our webpage at www.zinc.com/zincx