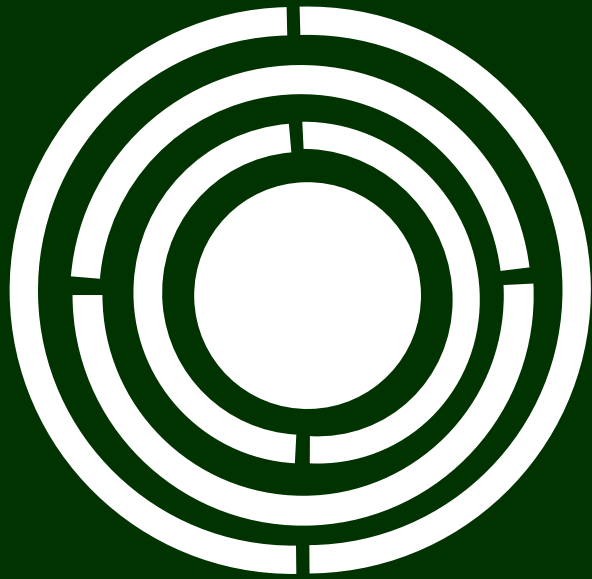


Logo, próximo slide



# BISPORA

Green Technology & Toxicology for Green Business

Welcome, próximo slide



heralds a new biotech era, and  
you could be a part of it.

Who we are?, próximo slide

# THE NEXT SYSTEMS FOR A SUSTAINABLE FUTURE



## BACKGROUND

We founded our firm on August 21, 2023, inspired by the fascinating Bispora of the fungal kingdom, with a focus on research and development in life sciences and biotechnology. Using fungal biotechnology for applications like as toxicology, drug development, and beyond.



## MISSION

Redesigning biotechnological applications and toxicological services, we aim to employ methodologies rooted in advanced fields of systems and network biology. Our goal is to create cost-effective products and services that exceed the global standards of quality, safety, and sustainability.



## VISSION

Seeking to solve environmental and health challenges by sustainable and innovative solutions, we aspire to contribute to a planet more resilient.



## VALUES

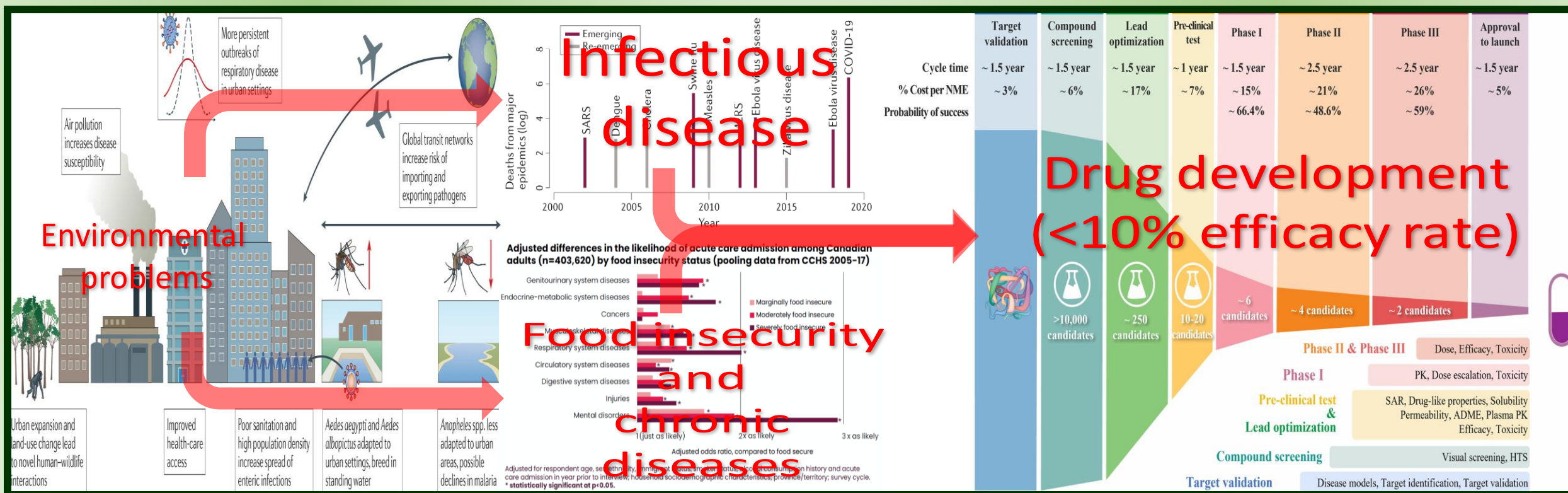
Operating with integrity, excellence, and a commitment to ethical standards in our services and collaborations.

Our story, próximo dois slides



# WHY AND FOR WHAT WERE WE BORN?

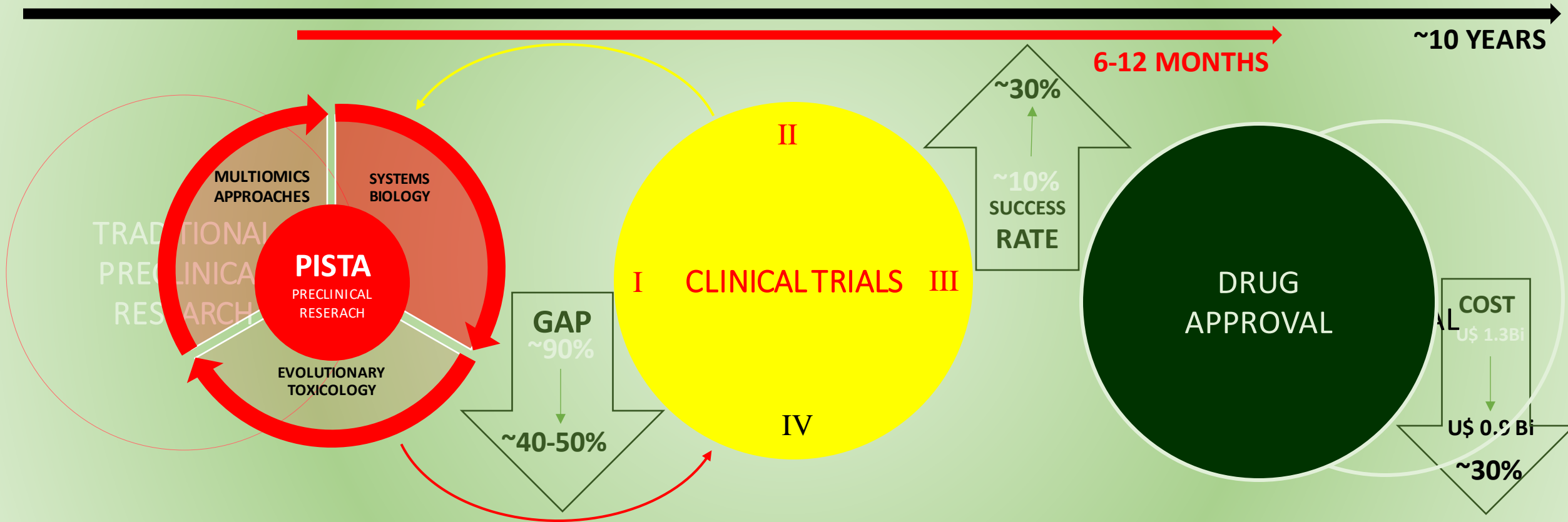
**PROBLEM:** Globally, environmental circumstances have raised the danger of infectious disease and food insecurity (12%). These factors contribute to numerous chronic diseases, traditionally addressed with expensive, time-consuming, and often INEFFECTIVE THERAPIES.



“Every once in a while, a new technology, an old problem, and a big idea turn into an innovation” **Dean Kamen**



**SOLUTIONS:** To minimize the development of "ineffective" drugs, Bispora has launched PISTA (Platform for Integrated Systems Toxicology Approaches), a precision preclinical toxicity testing tool.



DECREASING 40% THE GAP  
BETWEEN PRE-CLINICAL  
AND CLINICAL TRIALS



SAVING  
ANIMALS



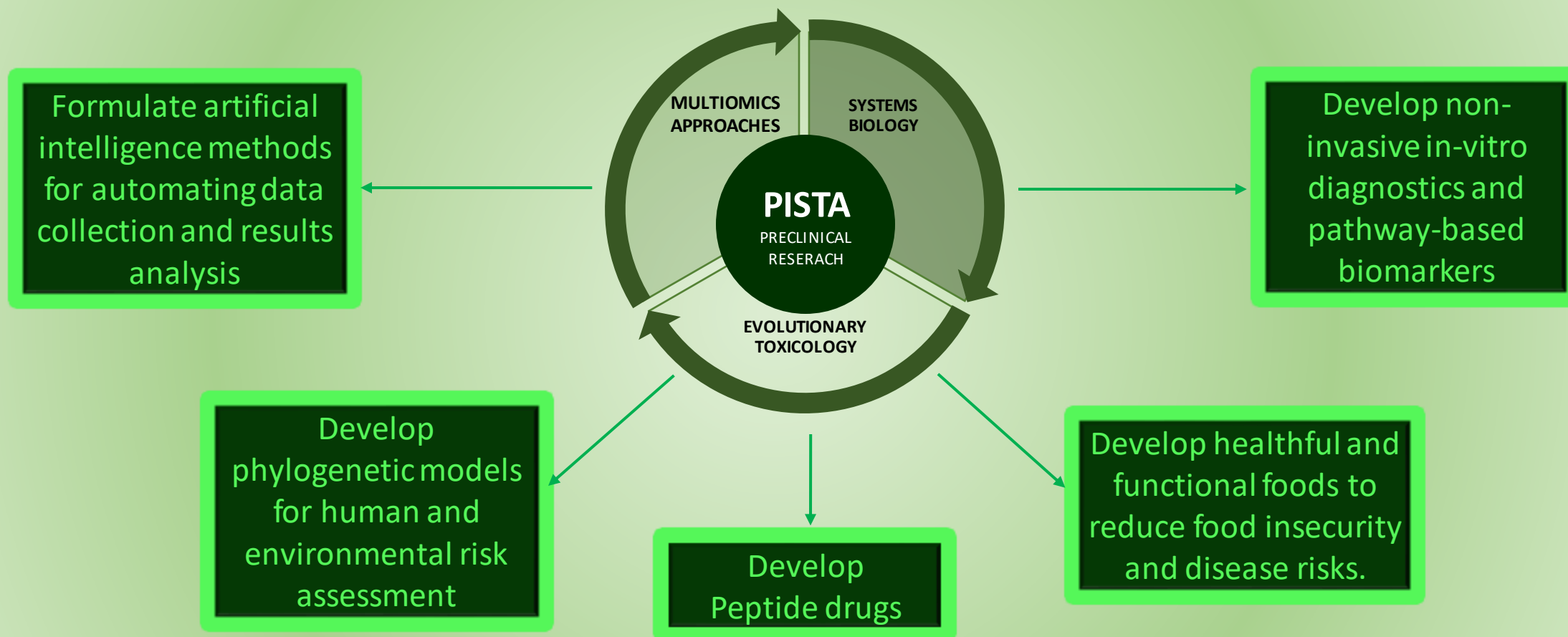
SAVING  
TIME AND  
MONEY



INCREASE 30%  
EFFICACY RATE

Projects, próximo slide

# PROJECTS: PISTA CAN GO BEYOND PRECLINICAL TRIALS



“Innovation is seeing what everybody has seen and thinking what nobody has thought.” –Dr. Albert, Szent- Györgyi

Our comptences, próximo slide

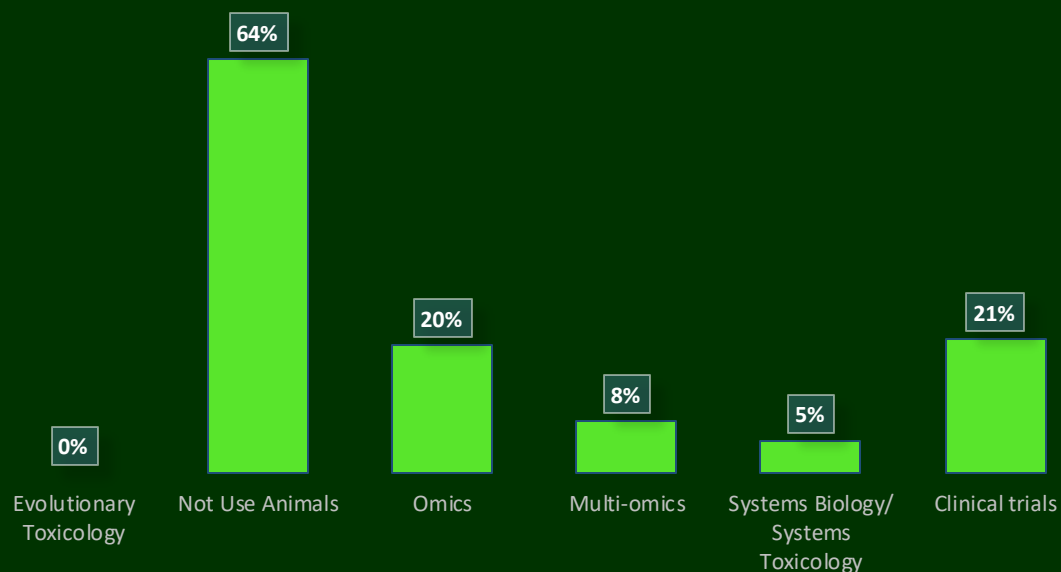
# WHAT IS THE COMPETITIVE LANDSCAPE

*for pre-clinical services?*

## 102 CROs or LAB REGISTERED

~90% in south-West of Brazil (~57% in São Paulo)

### PROFILE OF COMPETITOR COMPANIES



BISPORA	COMPARATIVE ITENS	COMPETITORS
+++++	PHYLOGENETIC CONCEPTS	-
++++	MULTI-OMICS	+
+++++	SYSTEMS TOXICOLOGY	+
+++	CLINICAL TRIAL IN DISH & PATIENT STRATIFICATION	+
6-12	TIME FOR RESULTS (MONTHS)	12-60
~0.5 MM	ESTIMATED COST/STUDY (USD)	1.5-5.0 MM

“Competition is the keen cutting edge of business, always shaving away at costs.” Henry Ford

Partnerships, próximo slide



# PARTNERSHIPS

STRATEGIC PARTNER



GETTING  
ADDITIONAL SKILLS  
AND REGULATORY  
COMPLIANCE

STRATEGIC PARTNER



COST REDUCTION  
USING PREEXISTING  
INFRASTRUCTURE

CHANNEL PARTNER  
& CUSTOMER



**Designed Biologics**

MARKET  
EXPANDING

*"Alone we can do so little; together we can do so much."* — Helen Keller

Our team, próximo slide

# WE ARE AN INTERDISCIPLINARY TEAM



**Prof.. PhD Raúl B Hernández,  
FOUNDER AND CEO**  
Professor of Environmental  
Chemistry & Toxicogenomics at  
the Federal University of São Paulo  
<http://lattes.cnpq.br/1080005732180726>



**Prof. PhD Wilber M.  
Sánchez, BUSINESS  
PROJECT MANAGEMENT**  
Faculty at Nova Scotia  
Community College  
[linkedin.com/in/wilber-m-sanchez-2127061b](https://www.linkedin.com/in/wilber-m-sanchez-2127061b)



**MD, PhD. Alexander B. Duharte  
CHIEF SCIENTIFIC OFFICER**  
Has experience in Immunology,  
vaccines, and Pre-clinical Research  
[linkedin.com/in/alexander-batista-duharte-70813790](https://www.linkedin.com/in/alexander-batista-duharte-70813790)



**MSc. Denise P. Garcés,  
LEGAL CONSULTANT**  
Her has experience in  
business law  
<http://lattes.cnpq.br/4749601814130398>



**PhD. Jesus Rafael Rodriguez Amado  
RESEARCH AND DEVELOPMENT**  
He has experience in Pharmaceutical  
technology, formulation of  
pharmaceutics and cosmetics and  
quality control of Pharmaceutics.  
[linkedin.com/in/jesus-rafael-rodriguez-amado-21990554](https://www.linkedin.com/in/jesus-rafael-rodriguez-amado-21990554)



**PhD. Deivys L. P. Fuentes  
RESEARCH AND DEVELOPMENT**  
He has experience in  
Immunology, bioinformatics  
and vaccines.  
<http://lattes.cnpq.br/4026579850898045>



**Fábio Henrique Ferreira Batista  
RESEARCH AND DEVELOPMENT**  
He has experience in  
environmental eletrochemistry  
<http://lattes.cnpq.br/1196376276933186>

*Chemist, Toxicologist, Pharmacist and Business law specialist*

FOR INVESTORS, próximo slide

# FOR INVESTORS

EXPLORE OUR DREAM WITH US. WE WELCOME DISCUSSIONS AT YOUR CONVENIENCE, OFFERING THE OPPORTUNITY

**TO INVEST AND BECOME A CRUCIAL PLAYER**

IN OUR INNOVATIVE APPROACH TO THE FIELDS OF BIOTECHNOLOGY AND PRECLINICAL TOXICOLOGICAL ADVANCEMENTS.

Prof. PhD Raúl B. Hernández  
FOUNDER AND CEO



Contacts, próximo slide



## CONTACT US



[rbhernandez@unifesp.br](mailto:rbhernandez@unifesp.br)  
[bispora120@gmail.com](mailto:bispora120@gmail.com)



+55-11-941460394



<https://bispora.netlify.app/>