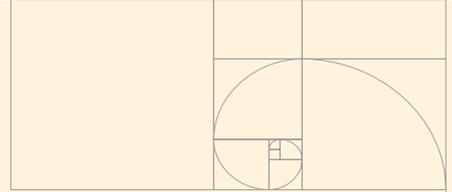


Health Heritage Innovations

Category: Technology

Stage: Scaling

Country (region): Brazil (Americas)



InovafitoBrasil

A new collaborative approach to discovering drugs from medicinal plants in low-income countries

InovafitoBrasil is a non-profit, open-access platform that accelerates innovation in herbal medicinal products – by enabling the sustainable use of biodiversity and traditional knowledge in megadiverse low-income countries, beginning with Brazil.

Although Brazil hosts one of the world's richest botanical ecosystems, its participation in the global market for herbal medicinal products remains limited. Our platform addresses this gap by introducing a structured, science-driven framework that guides innovators from early discovery to clinical development.

Our approach applies the technology readiness levels used by NASA to the context of herbal medicinal products: an area where development pathways are often fragmented, underfunded and lacking predictable milestones.

On our platform, the innovation process is organized into six technological domains: herbal substance, herbal preparation, herbal medicinal product, analytical development, non-clinical studies and clinical trials. To guide innovators, we provide a clear, adaptable roadmap that supports long-term partnerships among research institutions, companies and funding agencies.

The expected health and economic impacts of our platform include expanding therapeutic options, increasing scientific competitiveness and promoting value creation from biodiversity while meeting high regulatory standards. The platform also consolidates essential guidance on access and benefit-sharing, including the Nagoya Protocol and Brazilian legislation.

Today, InovafitoBrasil hosts more than 800 users and over 100 projects that are already applying the roadmap to advance safe, evidence-based herbal medicines.



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InovafitoBrasil
website



Disclaimer: WHO played no role in the development of this innovation.