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BIOTECH
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BioHuman

A Trusted Therapeutic Partner in Regenerative Medicine

A wave of technological advancements is unlocking new ways of therapeutic options. Despite these advances, complex diseases like diabetes, cardiopathy, osteoarthritis, and ischemic ulcers hold a slim chance of curability. Finding effective treatments for these intractable diseases has been a major obstacle until now.

BioHuman, a trailblazing biotechnology company, brings a one- and-done solution to addressing complex diseases in the Guatemala region with its state-of-the-art regenerative medicine using minimally invasive stem cell treatments. It has made it possible to promote the recovery of patients from complex diseases with satisfactory outcomes.

"We are a comprehensive center for regenerative medicine, applying biotechnology for the realization and execution of stem cell treatments to improve the quality of life of our patients," says Carmen Rosa Godoy, Director of Innovation and Development at BioHuman.

A premium provider of self-regenerative medicine, BioHuman specializes in the extraction, manipulation, expansion, differentiation, and processing of autologous stem cells. The biotech company diagnoses patients based on investigating factors that lead to disease development, including nutrition, genetic conditions, ethnicity, environmental impacts, emotions, and prior traumatic experiences. BioHuman recommends and designs specific cell treatments based on their unique characteristics and needs.

BioHuman's specialists initially draw a blood sample from veins using advanced techniques and instruments. They purify the sample and extract the stem cells until only hematopoietic. It accordingly makes the cultivation of the cells, and their hemoconcentrate in laboratories under aseptic and sterile conditions. A personalized treatment for the disease is developed to promote cell repair. BioHuman then converts the specialized sample into a serum and intravenously administers it to the patient.

BioHuman makes a mark in the regenerative medicine space with its personalization of cell treatments. According to health statistics, more than 10 percent of the population in Guatemala suffers from type 2 diabetes, where most elderly patients undergoing conventional treatments have no alternative solutions. BioHuman designed specific cellular therapies for them based on stem cells and types of concentrates, and other particularities. Diabetic patients have shown clear improvement

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in their body conditions, which exemplifies how BioHuman reduces the pace of disease progression and improves their health.

"Our breakthrough cell therapy technology is accessible to Carmen Rosa Godoy, Director of Innovation and Development Licentiate Margarita Blanco, Chemist Biologist developing countries. We holistically cater to the well-being of patients who come searching for a different solution to their health problems," adds Licentiate Margarita Blanco, Chemist Biologist at BioHuman.

For ischemic ulcer and orthopedic patients, BioHuman uses tropical treatment options like biocompatible scaffolds in cellular therapies to regenerate damaged tissues in the injured area. Cultured scaffolds are placed in the platelet-rich plasma in joints to accelerate the recovery process. In multiple cases, BioHuman has successfully avoided the risk of amputation in patients while helping them quickly recover from their lower extremity injuries and damages.

The key ingredient behind its successful patient-informed care is BioHuman's highly professional and trained team. Its

biotechnologists are adept at directing projects in diagnostics, health quality management, and biotechnological innovations and possess in-depth experience in working with professionals from different areas of psychology, nutrition, and physiotherapy.

BioHuman brings decades of collective experience in many branches of medicine, including neural therapy, voll electro- acupuncture, physiological regulation medicine, ayurvedic medicine, hyperbaric medicine, and immunotherapy. In immunotherapy-based treatments, BioHuman considers a patient's immune system's abilities to cope with health conditions, from common infections to chronic non-communicable diseases.

More than a sustainable and environmentally friendly company, BioHuman is human-centric in its approach. Armed with its cutting- edge FDA-approved technologies and level of standardization in treatments, BioHuman is at the forefront of revolutionizing medical therapy by personalizing regenerative treatment for patients in Guatemala. [LS](#)

BioHuman



*The annual listing of 10 companies in Latin America that
are at the forefront of providing Biotech solutions
and transforming businesses*