



FOR IMMEDIATE RELEASE

San José, Costa Rica and Colorado, USA – June 3, 2025

Jaguar Space and University of Costa Rica Join Forces to Promote Space-Driven Agricultural Innovation

San José, Costa Rica and Colorado, USA – June 3, 2025 — Jaguar Space, a pioneering space company based in Colorado, has signed a Memorandum of Understanding (MOU) with Universidad de Costa Rica to collaborate on agricultural research with a space-based perspective. This partnership sets the stage for Costa Rican researchers and students to explore space as a new frontier for agricultural science.

The collaboration centers around native crops of high cultural and economic significance in Costa Rica—sweet pepper and tomato. These staples not only play a central role in the country’s cuisine but also represent key elements in its rich agricultural heritage and scientific development by the improvement of disease-resistance strains. Jaguar Space will provide expertise and support to explore how space-based research can deepen our understanding of these important crops.

This agreement underscores a shared commitment to empowering emerging space nations through science and education. Jaguar Space and Universidad de Costa Rica aim to open new pathways for sustainable innovation, connecting local agricultural strengths with the global push toward space exploration.

The partnership is part of a broader effort to understand how spaceflight—specifically microgravity—affects seed biology, resilience, and genetic expression. The research will explore how unique environmental conditions in low Earth orbit might activate new biological pathways in these culturally significant crops, offering insights for both space agriculture and sustainable farming on Earth.

Integrating crops native to emerging space nations is essential for building a future of sustainable human presence beyond Earth. These collaborations advance nutritional diversity, preserve cultural identity, and create new scientific pathways. Jaguar Space takes pride in enabling this progress and empowering the next generation of scientists and explorers across emerging space nations.

For more information on the collaboration or media inquiries, please contact: contact@JaguarSpace.net.

About Jaguar Space

Jaguar Space is a bioastronautics and business consulting firm dedicated to advancing science and commerce in space. The company leverages a unique combination of expertise in space science,

engineering, project management, cross-cultural affairs, and business development to help its customers reach their goals faster and more effectively.

<https://jaguarspace.net/>

About UCR

The University of Costa Rica is a constitutionally autonomous and democratic institution of higher education and culture, dedicated to teaching, research, social action, study, meditation, artistic creation, and the dissemination of knowledge. Its purpose is to contribute to the transformations that society needs for the common good, through a policy aimed at achieving social justice, equity, integral development, full freedom, and the complete independence of our people.