

# BioGrip: Tec graduate's startup accepted for acceleration in Boston



*“The goal of BioGrip is to empower disabled people by giving them back their independence through technology,”* said Alan Hernández, **Tec graduate** and co-founder of **BioGrip**, a startup selected for the [Techstars: Boston Accelerator](#) program.

**BioGrip** is a Mexican startup focused on developing **technology systems** to help people with **mobility disabilities**, which will now be part of an acceleration program in the United States.

The startup was the winner of [INCmtty's 2022 INC Accelerator](#) and won the award for best technology at the **2022 Entrepreneurship World Cup** in Saudi Arabia.

*“It's an opportunity for growth in which disruption determines its potential,”* shared Hernández, who is also a professor at [Tec de Monterrey's Chihuahua campus](#).



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## BioGrip in the Techstars Boston Accelerator program

In 2023, Alan Hernández and his partner began the application process to win a place in one of the **Techstars: Boston Accelerator** programs.

This was a significant opportunity for them due to the presence of a major medical development ecosystem in Boston.

*“Techstars is one of the best-known acceleration programs in the world and is the one that invests the most in early-stage startups of any vertical,”* explained Hernández.

After a series of interviews, BioGrip was selected to occupy one of the program’s 12 available places along with other startups from **the United States, Canada, Turkey, and the United Kingdom.**

*“We’re the only Latin American startup on this program in Boston,”* said the entrepreneur and Tec academic.

[https://www.instagram.com/p/CrbxX6fuWmJ/?img\\_index=2](https://www.instagram.com/p/CrbxX6fuWmJ/?img_index=2)

The program kicked off in **March 2024** and they received **advice and access to tools** and **investors** to accelerate **Biogrips’s growth** over 3 months.

*“More things have happened in 2 and a half months than had happened to us in one whole year,”* he said.

This acceleration has had 2 key aspects: **networking** and **personal development**.

The **Tec graduate** pointed out that the **network of contacts** and the speed with which you **acquire the necessary tools** are significant.

*“It’s a completely different vision and way of thinking. These are literally the big leagues,”* Alan confirmed.



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### **Adaptation and learning in the Boston acceleration program**

During the first few weeks of the program, they had to adapt to the **pace** and **everyday life**, which are different to those in Mexico.

*“If the program is going at 120 km/hr, I have to go at 150.”*

Alan said that before this opportunity he hadn’t considered the possibility of speaking with **medical innovation directors**. While in Boston, he took advantage of his stay to talk about BioGrip at **MIT**.

*“I had to shift the paradigm that it isn’t a matter of not being able to, it’s a matter of when you want the investor or contact.”*

The [Chihuahua campus](#) professor also suggested **taking action when ideas arise** and considering trying it if it's something you're passionate about.



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Alan said that: ***"The first few years of being an entrepreneur are for making mistakes, but also for learning quickly."***

*"Being an entrepreneur is difficult, there will always be mistakes and stumbles. It's a very bumpy road, but I've learned a lot."*

### **Using technology to enhance human abilities**

**BioGrip** came about to address the problem of people with **upper limb amputations**, starting by making **bionic arms**.

This bionic prosthesis uses **mechanics**, **electronics**, and **artificial intelligence** to translate brain signals for a control system.

Alan explained that **the technology isn't in the arm**, but in an **interface** that captures **electrical signals** from the body and can forward them to any necessary device.

*"The first few years of being an entrepreneur are for making mistakes, but also for learning quickly."*

*“We want people to hear about BioGrip for the control system that helps create rehabilitation devices,”* said Alan Hernández.

*“BioGrip seeks to bridge the gap between **technology** and **humans** by making it more accessible to society.”*

They’re currently developing another **post-surgical rehabilitation** device for people who have had severe nerve injury in which there may or may not be a **complete limb loss**.

*“The nerves are what takes the longest to rehabilitate in a transplant, so the control system enables faster rehabilitation,”* concluded the Tec graduate.

Recently, **BioGrip** was selected from among over 280 startups from 16 countries to represent Mexico and Latin America at a [global event in Rio de Janeiro](#).



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#### **YOU MIGHT ALSO BE INTERESTED IN READING:**

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