

***What if a garment could monitor the body  
and then deliver bioelectric signals to help  
the body regenerate and repair itself?***

**BOD****STIM**

Introducing . . .

**BOD**  **STIM**

## **Bioelectric Body Suit**

*under development by*

**BioLeonhardt Whole Body**



# BODSTIM



- **Patented Core Technology**

BodStim is being developed using regenerative bioelectric protein expression technology patented by Leonhardt's Launchpads biotechnology accelerator

- **Anti-aging and muscle regeneration**

The ONLY bioelectric body suit that incorporates bioelectric signals for increasing circulating Klotho – a powerful anti-aging/muscle regeneration protein

- **Muscle building and recovery and nerve regeneration**

Bioelectric protein expressions: Follistatin, IGF1, and Muscle Lim Protein (MLP), SHH

- **Stem cell homing and improved circulation and exercise recovery**

Bioelectric protein expressions: VEGF, PDGF, eNOS, and HIF1a

- **Improved elasticity of skin and tendons**

Bioelectric protein expressions: Tropoelastin and COL17A1

# MULTIPLE APPLICATIONS



## HEALING

BodStim is designed to scan the body and send bioelectric signals for regeneration and healing.



## PERFORMANCE

BodStim enhances exercise recovery and repair of injuries. It provides maximum resistance to accelerate exercise performance.



## AESTHETICS

BodStim is designed to tighten and repair skin, enhance muscle definition, and promote weight loss.



# THREE OPTIONS

Anti-bacterial, stretch fabric maintains optimal resistance, control, and comfort



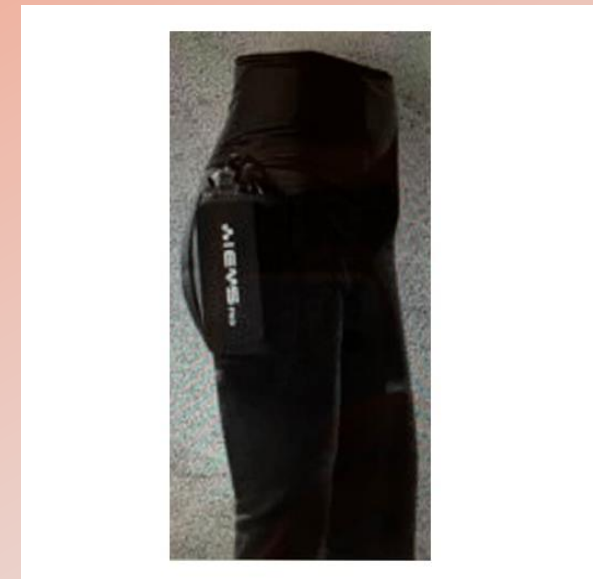
## REVOLUTION PRO

An electrostimulation vest and trousers that connect at the waist. May be used in training environments by multiple people—cleaned before each use.



## ULTRA LITHE

A slim profile, two-piece stimulation suit – similar to a cycling suit – with concealed electrodes. For personal use.



## TROUSERS

Trousers for specific core and leg training.

# ELECTRODES AND STIMULATOR



## Electrodes

10 pairs of flexible and interchangeable electrodes are strategically located in the suit.

## Cables

Electrodes are connected through a series of cables designed to fit inside the interior wires to avoid direct contact with the wearer.

## Stimulator

A small, bioelectric stimulator plugs into the wiring in a fitted connector pocket that holds it firmly in place.



**BOD**  **STIM**

# BODSTIM TEAM



**Howard Leonhardt**  
Founder and CEO



**Leslie Miller, MD**  
Chief Medical Officer



**Henk Abbink**  
VP International  
Market Development



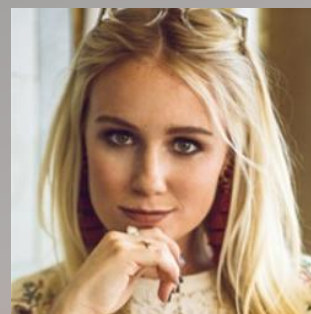
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**Kelsie Leonhardt**  
Chief Neuroscientist



**Brian Hardy**  
Director of Marketing



**Steve Kovsky**  
Chief Marketing Advisor



## FUTURE BENEFITS

BodStim is investigating the integration of additional signals to:

- Improve gut microbiota function
- Increase serotonin production to improve mood and reduce the risk of dementia, memory-loss, depression, and addiction
- Improve damaged nerve connections
- Improve tissue elasticity



## IN RESEARCH AND DEVELOPMENT

BodStim is in Research and Development. As such, all proposed features and benefits are not yet confirmed through trials. Photos and descriptions of the Bodstim suits, stimulator and accessories are prototypes subject to change.



# Leonhardt's Launchpads

BodStim is an asset in the BioLeonhardt WholeBody start-up of Leonhardt's Launchpads, the world's first innovation accelerator focused on the convergence of bioelectrics and biologics for organ regeneration and healing.

For more information visit these websites:

**[bodstim.com](http://bodstim.com) and [leonheartventures.com](http://leonheartventures.com)**

Leonhardt's Launchpads has research and development laboratories in California and Utah and collaborative relationships around the globe. Over 700 patent claims have been issued, optioned, licensed, or are in process related to organ regeneration and recovery - <https://patents.justia.com/inventor/howard-j-leonhardt>.

