

# HEALTH FREQUENCY INC.

**Institutional Pitch Deck | \$2.5M Seed Round**

# THE PROBLEM:

## THE ENVIRONMENTAL BOTTLENECK IN CELLULAR LONGEVITY

Modern ambient wave interference disrupts systemic biophysical dynamics, impairing microvascular circulation and reducing mitochondrial efficiency

***Ambient Wave Interference:*** Constant environmental electromagnetic noise creates structural interference with cellular membranes.

***Microvascular & Thermal Stress:*** Impaired peripheral circulation reduces real-time oxygen delivery and destabilizes thermoregulation.

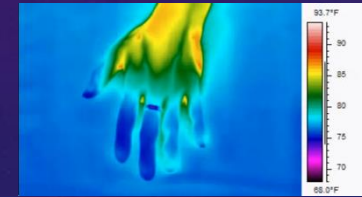
***The Intervention Gap:*** Standard longevity interventions (supplements, protocols) underperform because they fail to address ambient biophysical stress.

## THE SOLUTION: PROPRIETARY BIOCOMPATIBLE ALLOYS

- ***Core Technology:*** Patented metal alloys designed to neutralize environmental wave interference and restore physiological homeostasis (U.S. Patent No. 2013/0259736).
- ***Mechanism of Action:*** Optimizes ambient frequencies to protect cellular structures, naturally restoring microcirculation and thermoregulation.
- ***Product Application:*** Seamlessly integrated into wearable textiles and direct-to-skin applications for continuous protection.

## SCIENTIFIC VALIDATION: THERMOGRAPHIC PROOF

- **Rapid Physiological Response:** Immediate restoration of microcirculation and thermal regulation upon interaction with proprietary alloy structures.
- **Quantifiable Homeostasis:** Thermographic imaging demonstrates measurable heat redistribution and increased peripheral vascular perfusion.
- **Sustained Cellular Effect:** Continuous stabilization of tissue temperature without active external heat sources.



**Baseline:** Impaired distal microcirculation and thermal deficit prior to bio-wave stimulation.



**Post-Application:** Real-time restoration of microvascular blood flow and thermal homeostasis via proprietary alloy.

# PRODUCT PORTFOLIO & APPLICATIONS

- ***Biocompatible Textiles:*** Premium fabrics integrated with micro-alloy structures for daily thermoregulatory clothing and activewear.
- ***Targeted Wearables:*** Precision direct-to-skin wearable accessories designed for localized circulation support and continuous cellular protection.
- ***Scalable Integration:*** Proprietary manufacturing process allowing seamless integration into existing textile production lines.

**IP Protection:** Core alloy composition and integration methods are protected under a robust international patent strategy.

# MARKET OPPORTUNITY & ECOSYSTEM

***Convergence of High-Growth Markets:*** Positioned at the intersection of Longevity Therapeutics, Smart Textiles, and Bio-Protection Technologies.

***Target Audience:*** Health-conscious high-net-worth individuals, longevity enthusiasts, biohackers, and preventive health practitioners.

***Expanding Demand:*** Accelerating global shift toward non-invasive, daily passive interventions for cellular health and physiological optimization.

***Institutional Interest:*** Growing venture focus on deep-tech materials with clear biomechanical and thermal validation.

## BUSINESS MODEL & GO-TO-MARKET STRATEGY

### 1. *Direct-to-Consumer (D2C)*

**Premium:** High-margin flagship wearables and specialized bio-textiles sold directly to health-conscious early adopters.

### 2. *B2B Licensing &*

**Material Supply:** Supplying integrated alloy materials and licensing proprietary technology to premium apparel and wellness brands.

### 3. *Institutional*

**Partnerships:** Collaboration with research institutes, longevity clinics, and bio-protection organizations.

### 4. *Scalable*

**Production:** Asset-light manufacturing model utilizing contract partners for rapid global distribution.

# COMPETITIVE MOAT & IP PROTECTION

**Patented Technology:** Core bio-compatible alloy formula protected by granted patents

(U.S. Patent No. 2013/0259736).

**First-Mover Advantage:** Pioneer in ambient wave neutralization applied directly to microvascular homeostatic textiles.

**High Barrier to Entry:** Deep-tech metallurgical composition and specialized integration process are hard to replicate or reverse-engineer.

**Rigorous Validation:** Built on empirical thermographic and cellular research, separating the brand from conventional wellness claims.

# DEVELOPMENT ROADMAP & MILESTONES

## **Phase 1: Validation & Core IP** (Completed)

Patent approval (U.S. Patent No. 2013/0259736) & thermographic proof-of-concept.

Core research publication (*Glen Rein's scientific foundation on ambient wave interference & mitochondrial response*).

Initial prototype testing for microvascular and thermal homeostasis.

## **Phase 2: Product Scaling & Pre-Launch** (Current Focus)

Industrial integration of alloy micro-structures into premium bio-textiles. Expansion of clinical/empirical biomarker studies and preprint research.

## **Phase 3: Commercial Expansion & B2B Licensing** (Next 12–18 Months)

D2C flagship product launch targeting longevity and biohacking segments. Strategic B2B material supply & tech-licensing with premium partners.

# INVESTMENT OPPORTUNITY & CAPITAL ALLOCATION

## \$2.5M Seed Round

**40% — R&D & Product Scaling:** Production optimization, advanced alloy integration, and scaling bio-textile manufacturing.

**30% — Clinical Validation & IP Expansion:** Expanded biomarker trials, institutional research partnerships, and global patent coverage.

**20% — Go-To-Market & Commercial Operations:** Brand launch, D2C channel development, and strategic B2B partnership outreach.

**10% — Operational Runway & Regulatory Compliance:** Core team operations, IP maintenance, and legal compliance.

**Health Frequency Inc.** Viktor Dymant | Founder & Researcher  
Email: [vdymant@healthfrequency.com](mailto:vdymant@healthfrequency.com) Website: <https://www.healthfrequency.com/>