

Non-Invasive Wellness Device monitors Blood Sugar, Oxygen and Pulse to Improve Metabolic Health



[viit.health](#) Mesa, United States [in](#) [f](#) [@](#)

Technology B2C AI Health & Fitness

LEAD INVESTOR



Luis Rubio

As an investor, I am drawn to Viit Health for several reasons. The company offers innovative non-invasive device and app that combine Near Infrared Spectroscopy and Computer Vision for health monitoring, presenting a significant market opportunity. With growing demand for remote health monitoring solutions and the team's expertise in healthcare and technology, I believe Viit Health is well positioned for success. Their convenient, accurate and scalable solution glucose, pulse, and oxygen levels aligns with the increasing needs for personalized healthcare. Overall, Viit Health's innovative technology, market potential and experienced team make it a compelling investment opportunity in the healthcare industry.

Invested \$50,000 this round

Highlights

- 1 13 Clinical Trials, 93% accuracy for regular blood glucose levels, 150 units already requested
- 2 +\$2.5M raised from leading private investors. \$3M granted for R&D to background dev company.
- 3 Twice Grant Awardee by the Mexican National Council of Science and Technology
- 4 Massive Wellness market potential of \$1.5 T and \$966 B diabetes-related global health expenditure
- 5 Cutting-edge proprietary AI can detect Glucose, Oxygen, Pulse and potentially Lipids and Insulin
- 6 Strategic alliances with Softeq Engineering, Atomic32, lasotek & Mexico City's Technology Department
- 7 Supported by a leading US Family Office, Softeq Venture Studio and Mexico City's Health Department
- 8 Regional Winner & Global Finalist - out of 15,000 - in the 2022 Startup World Cup in Silicon Valley

Our Team



Luis Fernando Co Founder & CEO

Serial entrepreneur and social activist. Created a Venture Builder at 20 years old which now holds 7 different companies. Speaker at the UN General Assembly '18, winner of Santander Global Entrepreneurship Program 2020 and 2019 Paris Peace Forum awardee.

Diabetes is one the highest rising mortality causes in the world. Due to sedentary lifestyles and unhealthy diets is poised to affect anyone around you. We realize that the only way to revert it and save lives is through strong prevention campaigns and effective individual monitoring.



Luis Gomez Co Founder & Corp Affairs

Corporate lawyer and computer vision entrepreneur. JD International Law at Harvard University and AMP at Harvard Business School. Top corporate management at Citibank Mexico, Shearman & Sterling, AT&T, Alestra, Chrysler, Daimler and Walmart.



Lorena de la Maza Co Founder & Medical Director

2x founder & social impact entrepreneur. Co-founded SolexVintel, AI tech for health and agroindustries. Studied Medicine at National Autonomous University of Mexico (U.N.A.M.) & received Masters in Microbiology from Mass General Hospital, Boston.



Gerardo Rioseco Business & Finance

Serial entrepreneur. Started a company at 21 years old and have founded 8 different companies so far. First responder for Mexico City earthquakes in 2017. Winner of several entrepreneurship awards. Former professional tennis player.



Jose Cruz y Celis Technology

Artificial Intelligence Engineer and Sustainability Engineering - Monterrey Technological University. M Sc Computer Science 42 University Silicon Valley. Serial entrepreneur with 1 exit.



Sofia Alvarez Administration

Business Administration - ITAM. Serial entrepreneur with +10 years of experience in Human Resources, Operations and Business Management.



Adriana Monroy Guzmán Medical Research

Diabetes Prevention Clinic Director - San Angel Inn Hospital. Medical Professor - UNAM. Postdoctoral Fellow - UTHSCSA. PhD Biochemistry and Molecular Biology, MD - UNAM.



Antonio Garcia Bioengineering

PhD Chemical Engineering UC Berkeley. Former Associate Dean of Academic Affairs - Engineering NMSU. Foundation professor of Bioengineering at ASU. His expertise include surface and colloid chemistry for biomolecule identification and medical devices.



AI-Assisted Wellness Monitoring for Diabetes Prevention and Beyond

Bioviit Health is back on WeFunder! We're here to complete our mission to deliver the future of point-of-care prevention and consumer healthcare: easier, faster and accessible wellness monitoring and disease prevention with - *significantly improved* - AI-assisted optical technology.

Bioviit® - *our brand new device* - is a unique portable biomarker monitor that uses light - *not pricking or consumables* - to accurately detect blood glucose, and also oxygen, pulse, temperature and other biomarkers to come.

Bioviit®

(V1.0 - Fall 2023)

The unique artificial vision device for biomarker monitoring

Measures blood glucose, oxygen saturation
and heart rate with light to improve wellness
and prevent severe diseases like diabetes

Powered by Proprietary Technology
- Near Infrared Spectroscopy (NIR)
- Photoplethysmography (PPG)
- Computer Vision (AI)

Less cost (80% decrease - no consumables)
More accuracy (+13% for regular BG)
Web/Mobile Wellness & Prevention apps



1 in 2 People in the World have Glucose Problems and Don't Know About it

With an increase in sedentary lifestyles and inequitable access to nutrition

...and the rise of diabetes is a major global health concern, more and more

worldwide, type 11 diabetes is a uniquely modern pandemic. There are more than 537 million diabetics worldwide, and there is 1 diabetes related death every 5 seconds. Furthermore, according to different studies, 1 in 2 people in the world already have glucose related problems and don't know about it, which if left unchecked, could not only lead to diabetes, but also cardiovascular diseases, alzheimer's or cancer.



Current Blood Glucose Tracking is Uncomfortable and Unsustainable

Diabetes is a chronic condition requiring painful daily finger pricks or uncomfortable and expensive monitors with tiny needles to keep track of blood glucose levels, and given that diabetics are already prone to nerve pain in the extremities, traditional glucometers are particularly painful for many patients, causing a struggle to maintain adequate blood glucose monitoring protocols in more than 60% of diabetics, and naturally driving other people away from developing a healthy prevention practice by checking their blood glucose levels regularly.



There's a Much Better way to Prevent Diabetes and Improve Wellness

The proprietary tech behind Bioviit® is complex, but what it offers is simple: fast, accurate, and painless biomarker readings. With Near Infrared Transmittance Spectroscopy (NIR), Photoplethysmography (PPG) and Machine Learning, Viit Health's proprietary consumer healthcare technology can be used for wellness monitoring to improve nutrition, athletic performance, focus, energy optimization and prevent severe health conditions such as diabetes and cardiovascular diseases.

There has recently been significant buzz in the non-invasive glucose detection space, and though certain technological approaches seem feasible, it's important

to note that none have been proven to work effectively nor have they made it to market. We expect to have the shortest and clearest path to market - *end of 2023* - because of our flexibility, our commercial activation strategy towards point-of-care prevention and individual wellness, and most importantly, our preferable novel technology for accurately analyzing not only blood glucose, but potentially many more groundbreaking biomarkers like insulin and cholesterol.

Proprietary Technology

- 1 Near Infrared Transmittance Spectroscopy (NIR)**
Allows us to understand biochemical analytes by the light they absorb
- 2 Photoplethysmography (PPG)**
Allows us to identify volumetric variations of the blood
- 3 Computer Vision (AI)**
Allows us to analyze complex sparse datasets of the observed light to accurately predict the amount or level of each identified biomarker

Bioviit is thoroughly Calibrated and Currently Undergoing Validation

As Viit Health has improved and fine-tuned Bioviit® - which is expected to outperform its predecessor (Viit Gluco) surpassing its 93% accuracy for regular Blood Glucose levels - through more than 6 years of development and 13 clinical trials, we've achieved prestigious funding, institutional support and are currently undergoing final calibration and validation with Mexico's most advanced research & healthcare organizations.

Calibration

2017 - 2022

- 13 Clinical Trials**
- +4,500 Patients Tested**
- 4 Product Iterations**
- +1M NIR Dataset**



Validation

2023 - 2024

- 5 Clinical Trials**
- +150K Patients**
- +60M NIR/PPG Dataset**
- FDA / COFEPRIS**

"This technology has shown high reliability when compared to puncture glucometer results. This endeavor is of great importance to Mexico City's Secretary of Health"
Dra. Lilia Elena Morrey
 Director Medical Research
 Mexico City's Secretary of Health



The Best way to Attack Diabetes is to Prevent the Spread

Bioviit® soon become available as a wellness and prevention device for as little as \$350, and will be distributed via two primary channels to create the biggest impact and build a diverse revenue stream: 1) prevention campaigns and point-of-care wellness monitoring primarily among public institutions and private companies, and 2) wellness monitoring devices for personal use to improve metabolic health.

Prevention campaigns will require public health agencies to deploy massive glycemic level measurement infrastructure and be able to track people's progress and improvement overtime. Through early identification of people with pre-diabetes and those with consistent high sugar levels, we will help stop diabetes on its tracks, and assist in achieving Sustainable Goal #3 by 2030: Good Health

and Wellbeing.



Bioviit®
Wellness Device

\$350 USD

Blood Glucose (mg/dL)

Oxygen Saturation (SpO2)

Heart Rate (BPM)

Temperature (°C)

Simple Data Log (24 hrs)


Prevention
\$500 mo

- Biomarkers
- Multiple Users
- Historic Log per User
- Prevention Triggers
- Wellness App Connection
- Individual Wellness Reports



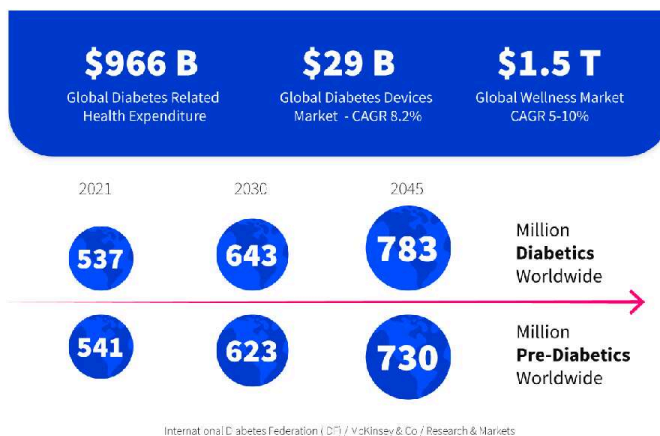
Wellness
\$20 mo

- Biomarkers
- Historic Log
- Glucose Curves
- Prevention Triggers
- Goal Setting
- Wellness Insights



Diabetes Costs More than
\$966 Billion Dollars per Year

There is a massive need for Viit Health's tech. According to an estimation made by the International Diabetes Federation, there will be more than 643 million diabetics by 2030, and 783 million by 2045. If simple, affordable and accurate prevention technology is implemented, those numbers could drop significantly, alleviating a +\$966 billion dollar burden for the global healthcare industry.





Scientific and Impact Institutions
Strongly Support Viit Health

Leading health experts and investors understand the true cost of diabetes and the need for better diagnosis and monitoring tools. It's why Mexican and American leading scientists and institutions, entrepreneurship organizations, engineering companies and global social investors have lined up behind Viit's work. It's the public consumer healthcare breakthrough the world's been waiting for.

Acomplishments & Support



SOFTeq
Venture Studio Sudio
Investor & Accelerator
Regional Winner '22
Global Finalist '22 (4th
out of 15,000)



Startup WorldCup
by Pegasus Tech Ventures
Selected Strategic Project
Grant Recipient (2)



SECTEI
Technology & Innovation
Department (Mexico City)
Grant Recipient (2)



CONACYT
Science & Technology
Council (Mexico)
Grant Recipient (2)



Mexican Institute of Nutrition
Calibration & Validation
Protocols










ViiT Health is led by a rare team of financial savvy, scientific expertise, entrepreneurial moxy, and a desire to do good. By combining decades of corporate and scientific expertise with a modern sensibility for social impact entrepreneurship, our team is committed to our patients and investors alike.

<p>Luis Fernando Gomez Co-founder & CEO</p>	 <ul style="list-style-type: none"> Serial Entrepreneur and Social Activist from Mexico City Created a Venture Builder at 20 years old which now holds 2 exits Speaker at the UN General Assembly 2016 and Paris Peace Forum 2019 Awardee Winner of Santander Global Entrepreneurship Program 2020
<p>Luis Gomez Sanchez Co-founder & Corporate Affairs</p>	 <ul style="list-style-type: none"> Corporate lawyer and Computer Vision entrepreneur with 1 Startup Exit Juris Doctor International Law at Harvard University and AMP at Harvard Business School Top corporate management at Citibank Mexico, AT&T, Chrysler, Walmart, and more Founder of the Mexican Council for Global Business
<p>Dr. Lorena de la Maza Co-founder & Medical Director</p>	 <ul style="list-style-type: none"> Microbiologist & Social Impact entrepreneur with 1 Startup Exit Medical Doctor from National Autonomous University of Mexico (UNAM) Masters in Microbiology from Harvard Medical School - Massachusetts General Hospital Former Computer Vision for Health & Agri Industry Startup Founder
<p>Jose Cruz y Celis Technology Director</p>	 <ul style="list-style-type: none"> Artificial Intelligence Scientist with 1 Startup Exit Masters in Computer Science from 42 University - Silicon Valley Sustainability Engineering from Monterrey Technological University (ITESM Monterrey) Unreasonable Institute Accelerator Program - Entrepreneurial Success
<p>Dr. Antonio Garcia Bioengineering</p>	 <ul style="list-style-type: none"> Bionanotechnology Researcher & Inventor PhD in Chemical Engineering at University of California, Berkeley, BS Rutgers University Associate Dean of Academic Affairs / George W. Luckey Professor Chemical Engineering - NM State Foundation Professor of Bioengineering at Arizona State University



Not only are we aiming to remove pain from biomarker detection and blood glucose tracking, but since BioviiT® works with light transmittance and PPG, which enables us to detect the full spectral footprint of the analyzed tissue and record its variations, we are also paving the way for infinite consumer healthcare potential by measuring and tracking additional biomarkers, such as perfusion index, vascular aging, blood pressure, hydration, insulin, oxidative stress, cholesterol, triglycerides, and many more.

By the end of this year, ViiT Health hopes to initially deploy BioviiT® as a prevention device for NGOs and governments in the US and Mexico - *counting to date 150 requested units but aiming for many more* -, and shortly after it will be commercialized as a personal consumer healthcare device through existing wellness communities and well placed digital and physical points of sale in the US and Mexico. We're very excited to make our device widely available to everyone very soon.

<p>2023 (Q1-3)</p>	<ul style="list-style-type: none"> Complete Production for BioviiT 1.0 Final Calibration & Validation 5 Clinical Protocols (150k patients) Finalize Prevention & Wellness Applications 	
<p>2023 (Q4)</p>	<ul style="list-style-type: none"> 150 units for Prevention Campaigns FDA approval for Pulse Ox Wellness Device Commercial Registration 	
<p>2024</p>	<ul style="list-style-type: none"> Commercial Activation US & Mexico Prevention Campaign Expansion Wellness Device Distribution Additional Biomarker Integration 	
<p>2025</p>	<ul style="list-style-type: none"> FDA approval for Blood Glucose and others (Medical Device) Europe & Latin America Expansion 	

Forward looking projections cannot be guaranteed



Invest in the Tech that Could Put a Stop to the Diabetes Pandemic

People deserve better options to track and monitor their health, and it's a tragedy that so many people worldwide are suffering and dying from Type II diabetes for preventable and controllable reasons. Viit Health's Biovii® is here for the groundbreaking consumer healthcare tech development the world's been waiting for.

Invest in the future of preventable consumer healthcare. Invest in Viit Health.



A glimpse of Viit Health's potential

	2023	2024	2025	2026	2027
Revenue	\$ 146,846	\$4,098,562	\$17,142,053	\$56,029,990	\$158,460,715
Operative Cost	\$ 1,057,901	\$1,481,400	\$1,763,020	\$2,644,030	\$4,494,151
Production Cost	\$ 141,918	\$1,253,637	\$4,777,016	\$17,434,950	\$45,581,525
Profit	-\$1,052,973	\$1,363,525	\$10,602,017	\$39,951,010	\$108,385,039
Devices TAM	335	5,509 0.001 %	26,400 0.004 %	98,000 0.01 %	310,000 0.35 %

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Invest in  viit health

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Downloads



[Deck Viit Health WeFunder 23.pdf](#)