ETER
HEALTH

100 million healthy years until 2030

Our **vision** is to empower people to embark on their personal longevity journey.
Our **mission** is to predict their biological age and risk factors to deliver personalized protocols for everyone.

The Problem

Little emphasis on prevention, healthcare costs are going through the roof

Non-communicable diseases (NCDs)

- **80%** of healthcare costs are NCDs (e.g. diabetes, lung cancer, high blood pressure, etc.)
- Serious consequence on patient´s life
- Estimated indirect costs of CHF 30 bn per year, due to early retirement, caring for family members, lost work time

> Most of the costs of NCDs can be avoided with adequate prevention programs

Challenges & Trends in healthcare

- Rising healthcare costs
- Shortage of health professionals
- Rising demand for prevention
- **Prevention is too labour intensive**
- **Continuous monitoring is lacking**

The Solution
Scalable, affordable, continuous prevention with the help of AI

End to end biomarker integration

A companion for all your health data. Digital and blood biomarkers measured and assessed.
All the in an app on your phone, analysed and presented with AI.

Data sources:
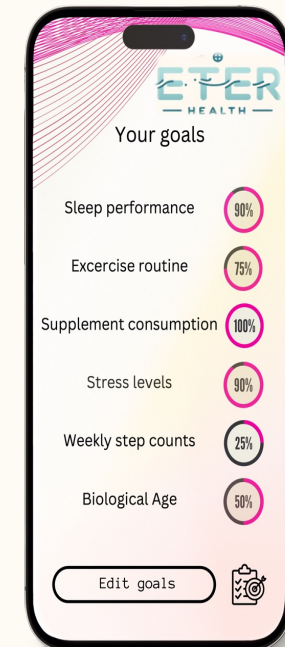- 2 blood tests a year (60 – 80 CHF each per patient)
- Wearables & phone

Continuous measurements :
- biological age and health risk estimation based on digital biomarkers
- Blood tests serve as anker points

Advantages:
- **Personalized medicine:** individual health assessment enables individual intervention
- **Supplements:** continuous supplement suggestions
- **Biological age:** visualizing the biological age, enabling patient to understand their lifestyle choices

The solution:

AI to estimate health risk

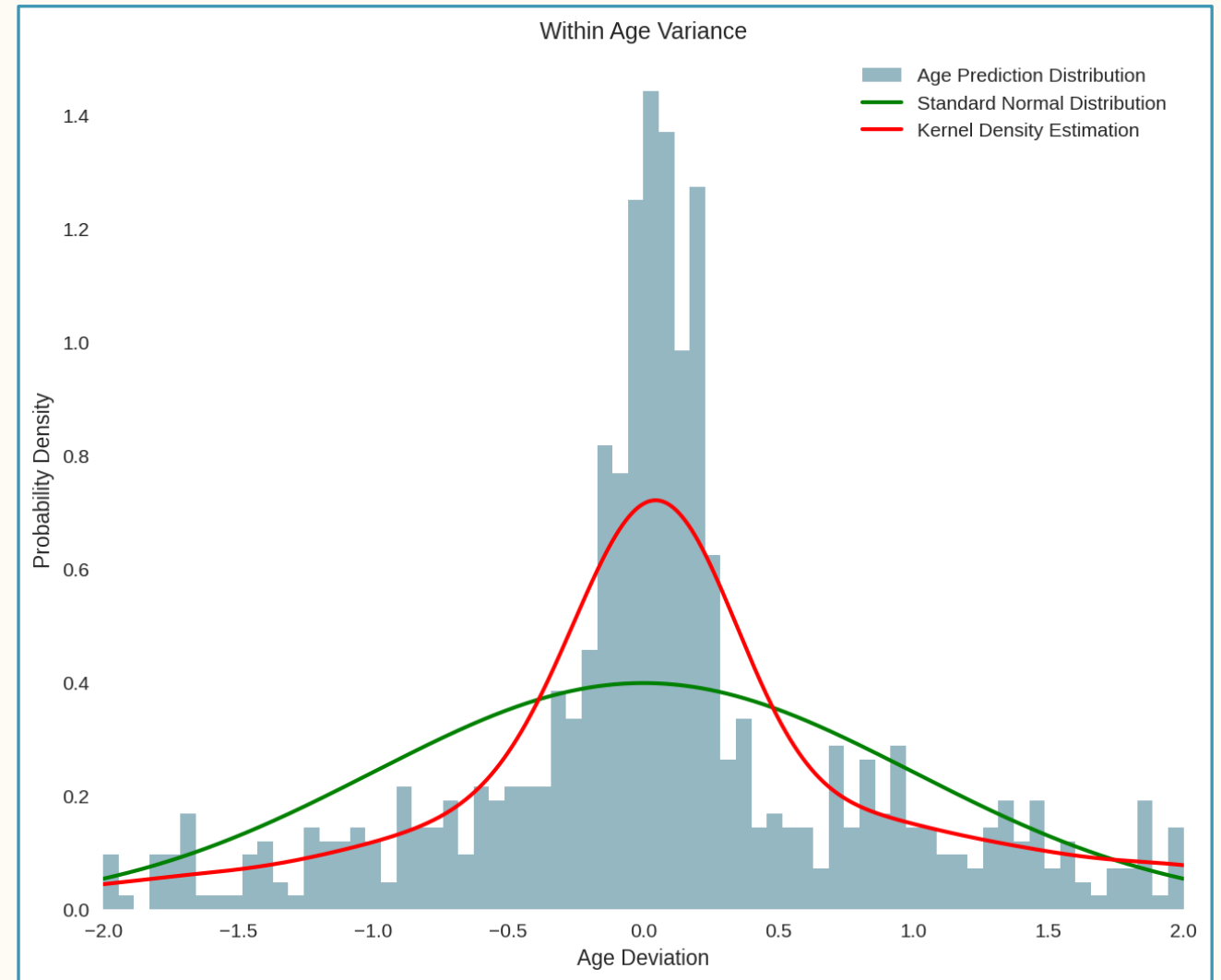Biological age estimation as the first health risk indicator

Digital biomarkers for continuous measurements
-> exercise level, daily step count, heart rate variability etc.

Blood biomarkers taken frequently
-> Lab test

Large Neural Network is used to predict within age group health variance, which is used as the basis of biological age estimation.
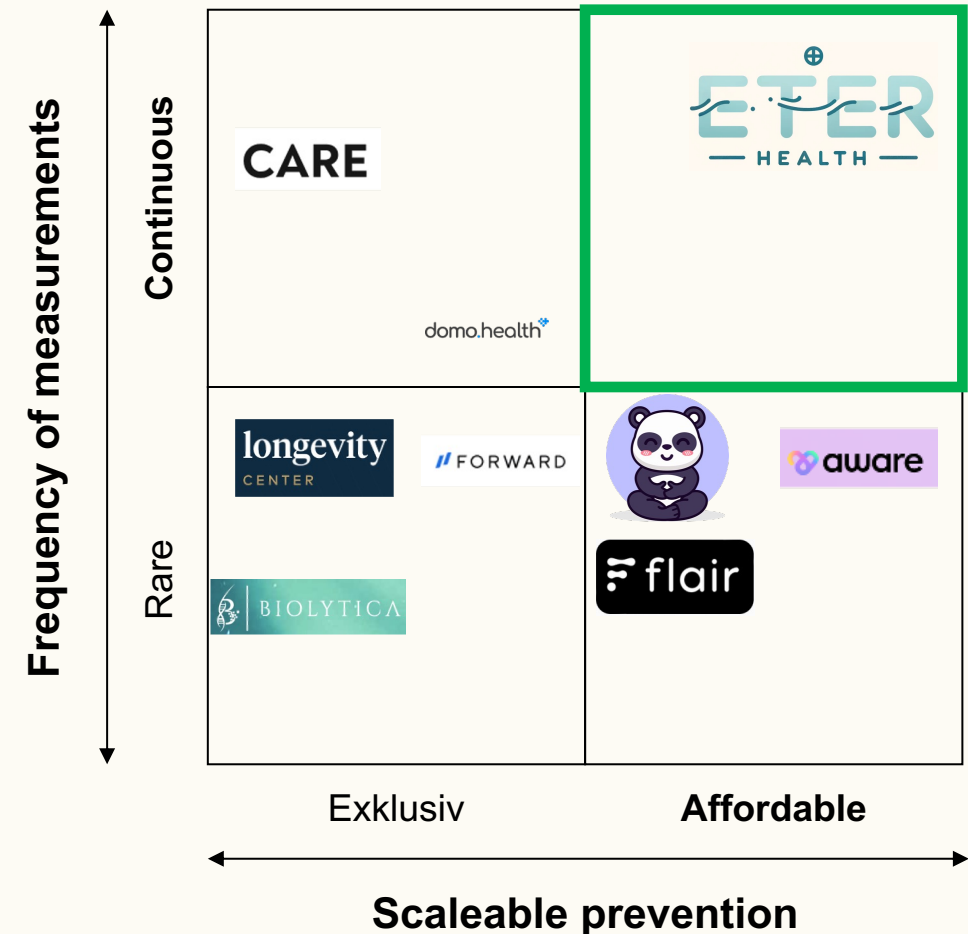
Market & Competitors
Scalable and continuous prevention

The **global longevity** and anti-senescence therapy market size is projected to **reach $44.2 billion** by 2030, growing at a CAGR of 6.1% from 2021 to 2030.

ETER health offers:
- **high accuracy measurement,** leveraging AI
- **frequent but cheap blood tests,** testing only a few indicators at a time
- **integration of digital biomarkers,** allowing continuous monitoring
- **in app recommendations** without the help of medical professional
- **data** dashboarding **ready to be shown to a doctor** if needed

Pricing and Business Model
Revenue streams and clients

20 CHF/month

Includes:
2 blood tests a year
and
continuous
monitoring

B2C

***Direct to consumer*:**
Our software provides our
customers with their **biological
age, NCD risk** and suggest
personalized protocols.

B2B2C

***Health insurance*:**
Access to the platform and enabling
cost reduction across customers.
***Pharmacies*:**
Get an overview of their clients and
upsell tests and **personalized
supplements** along the protocols.

Corporate

***Health and Performance
Programs:***
Through our platform we enable
employers to improve their **high-
performance teams**.

Collaboration with the University of St. Gallen

Test, build, validate

Collaboration on a study, data collection and model development

Timeline:
- Ethics committee application: until March 2024
- Study begin: May 2024
- Early results: Q4 2024
- Scientific Publications: Q2 2025
- End of study: beyond 2025 (product launched earlier)

Financing:
- Future of Health Grants
- Innosuisse Innocheque (application in March 2024)

Advantages:
- **Data collection,** to gain long term digital biomarker assessment for model finetuning
- **Validation,** akin to a clinical trial, both for investors and customers
- **Scientific recognition,** collaboration with a leading research institute, with the purpose from their side to publish research

Team

Dr. rer. soc. Tobias Wolf, Mentor

Expert in telemedicine and business development

Co-founder at OnlineDoctor and multiple Board Member

Tim Leistner
Co-Founder

University of Zurich UZH

Future Doctor

Digital Health and Longevity Researcher

Past Pro-Athlete

Kristof Margitay
Co-Founder

WU VIENNA

Machine Learning and AI Algorithms

Builds SaaS

Product manager

Private Equity and Venture Capital Experience

Online Doctor | TALENT KICK | Centre for Digital Health Interventions | STARTUP @HSG | University of St.Gallen Center for Entrepreneurship

Progress

We collected 7k in grants and presented at two summits

- Accepted in TalentKick pre-incubator
- 7k funding in grant
- Presented at GPs Symposium HSG, ETH AI Summit and Start-UP nights
- Presented at the **World Economic Forum** in January 2024
- **Collaboration with the HSG / ETH Center for Digital Health Interventions on research study and product development**
- **Proof of concept: high performing, backtested model**

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