

A pipeline of digital therapeutics,  
powered by personalized nutrition

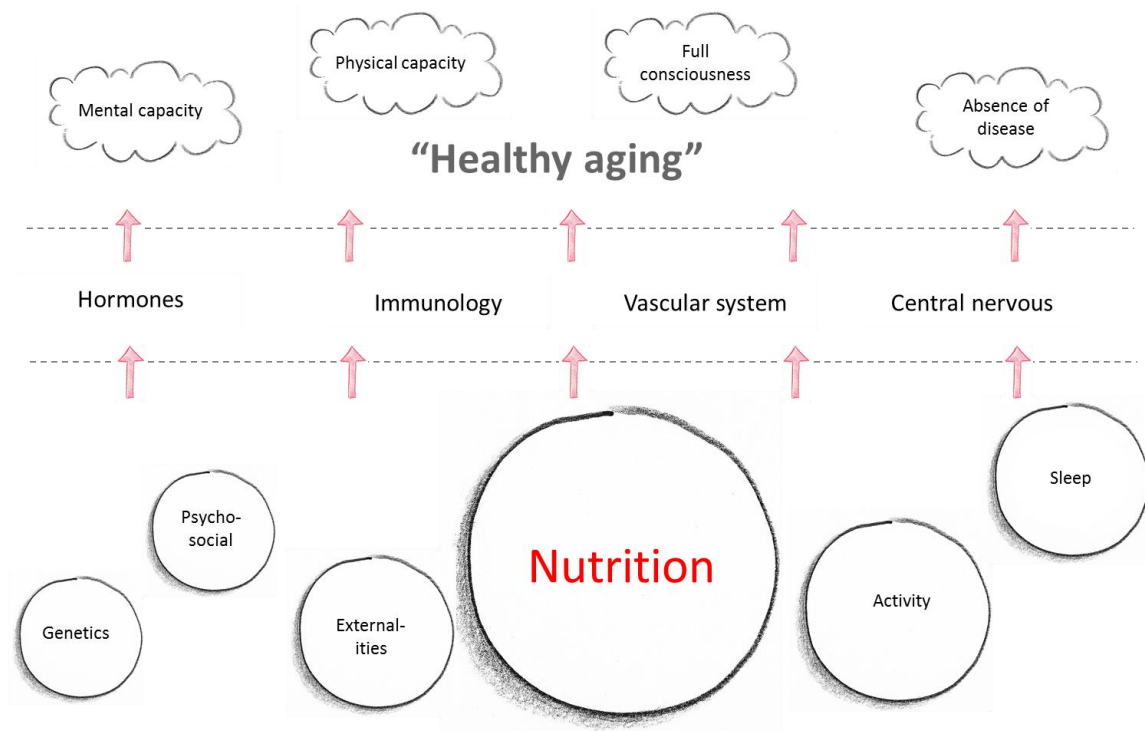
Dominik Burziwoda  
CEO & Co-Founder

[Perfood.de](https://Perfood.de)

# Lebensstilfaktoren können das Leben verkürzen

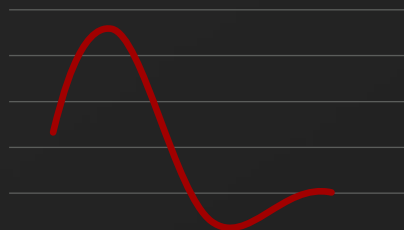


# Nutrition is the fundamental to healthy aging






If glycemic responses are flattened, these diseases can be alleviated

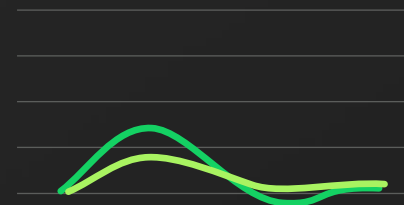
### WRONG FOODS






#### High glycemic reaction

-  Metabolic inflammation
-  Weight gain
-  Hormonal / neurotransmitter disbalance

### RIGHT FOODS

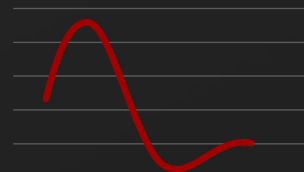


#### Low glycemic reaction

-  Metabolic health
-  Improved body weight
-  Hormonal / neurotransmitter balance

# Glycemic responses are individual

No one has ever provided accurate individualized low-glycemic therapy

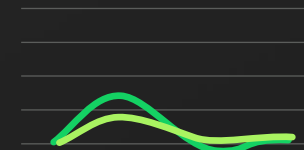


High glycemic reaction

Same food

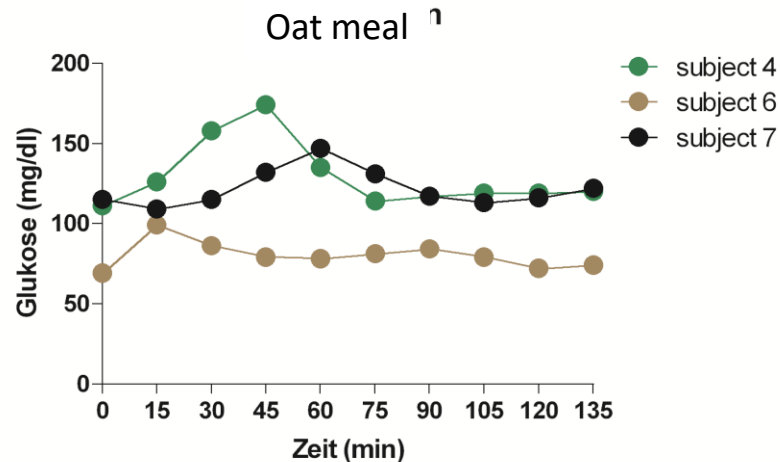
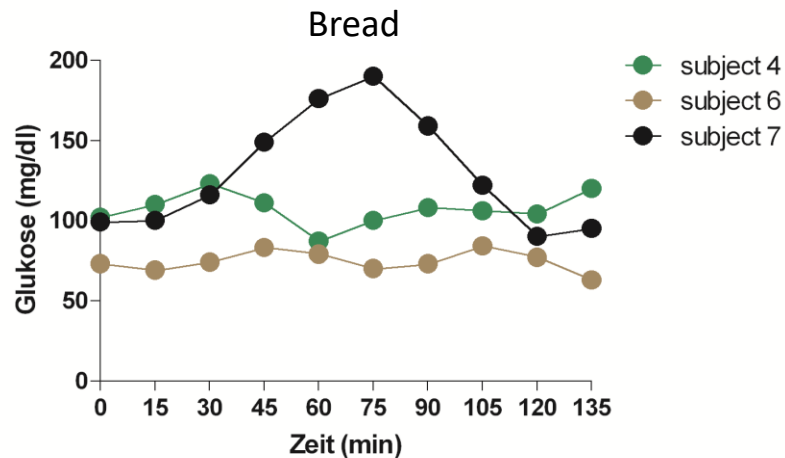


Different reaction



Low glycemic reaction

## Examples for individual glycemic response



Subject 4 (green) should eat bread and avoid oat meal

Subject 7 (black) should avoid bread and eat oat meal

Subject 6 (gold) can eat both, bread and oat meal

## SOLUTION

Personalized diet based on science, CGM<sup>1</sup> data and AI to determine foods that flatten glycemic responses



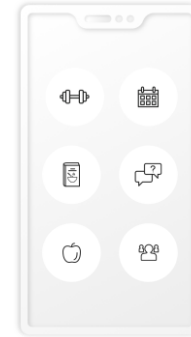
AI with a unique proprietary dataset growing at 260% p.a.



Patent-pending algorithms



Effectiveness better than drugs, no side-effects



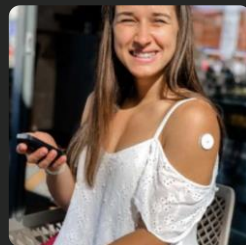
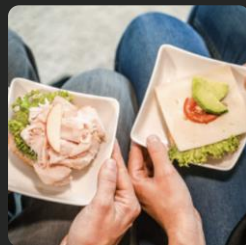
State-of-the-art DTx



Personalized low-glycemic diet



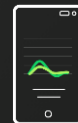
BEST-IN-CLASS DTx



Personalised nutrition  
powered by AI to improve lives



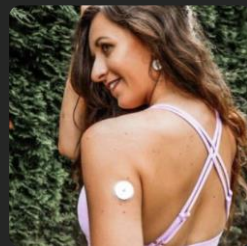
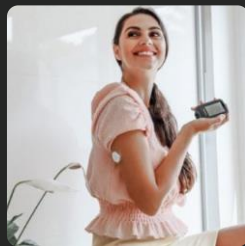
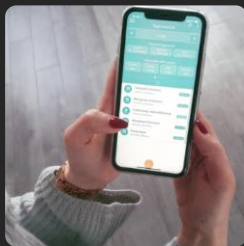
Sensor



APP



Report



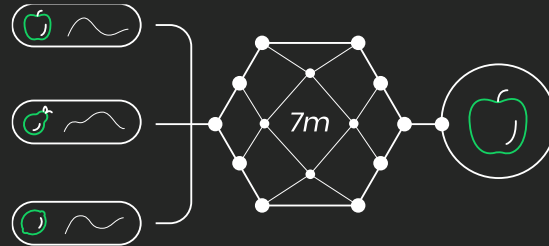


# A 2-week program powered by science, deep technology and data



## PROGRAM & SENSOR

2-week test phase with biofeedback from symptom and food diary + CGM sensor



## AI ANALYSIS

Analysis with patent-pending algorithms, trained on more than 7m datapoints



## PERSONALISED REPORT

Report with recommendations and support phase to adjust diet and lifestyle

PRE-CLINICAL RESULTS FOR OUR 1ST PRODUCT



# Drug-like effectiveness in treating migraine

**>63%<sup>1</sup>**  
reduction in  
migraine-days

**>73%<sup>1</sup>**  
50%-responder  
rate

**>41%<sup>1</sup>**  
less time lost  
due to  
migraine

**The world's most effective therapy for migraine**

1 billion people affected<sup>2</sup> | Coming in 2021

<sup>1</sup> n = 49; real-world evidence from sinCephalea;

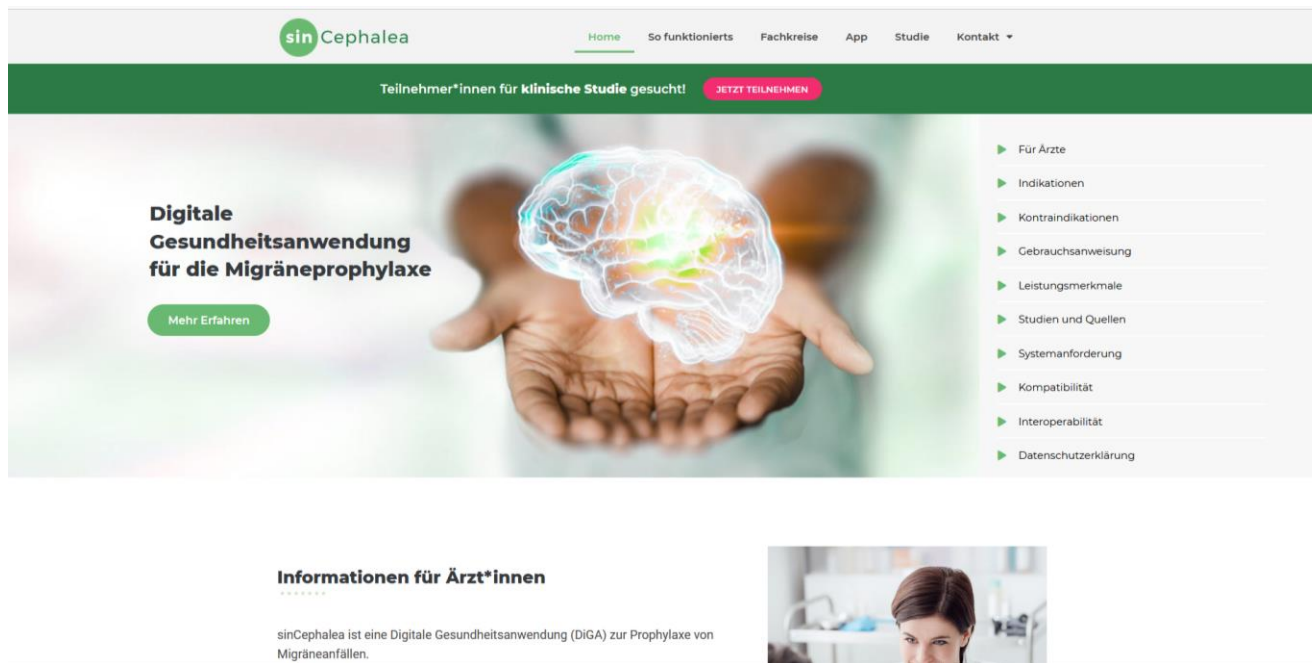
<sup>2</sup> [https://www.thelancet.com/journals/laneur/article/PIIS1474-4422\(18\)30322-3/fulltext](https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(18)30322-3/fulltext)

# What it means to start a startup

1. Starts with an idea: **no product, no sales, no prove-of-concept, no money** – how big is your private bankroll?
2. **A lot of work, no pay, incredible uncertainty:**
  - a. 80–100-hour work weeks, no vacation for years
  - b. Do everything yourself: product development, pitch VCs, adhere to regulations, order pencils and pay bills, clean the office
  - c. No salary
  - d. No mortgage, no credit card
3. Do something innovative
  - a. Try to convince investors to believe that this will actually work and make money – **probability of success per VC approx. 0.3%**
  - b. And try to convince other people: customers, employees, academic partners, key opinion leaders, regulators
4. **Adhere to all regulations**
  - a. MDR, MPDG, TMG, KSchG, ArbSchG, BGB, HGB, InsO, CoronaSchVO, KStG, EStG, AO, IP-laws, SGB, GDPR,
5. **Build and sell a product**

And finally...

If you have got migraine, join our confirmatory RCT at [www.sincephalea.de](http://www.sincephalea.de)



The screenshot shows the website for sinCephalea. At the top, there is a navigation bar with the logo 'sin Cephalea' and menu items: 'Home', 'So funktioniert', 'Fachkreise', 'App', 'Studie', and 'Kontakt'. Below the navigation bar is a green banner with the text 'Teilnehmer\*innen für klinische Studie gesucht!' and a pink button labeled 'JETZT TEILNEHMEN'. The main content area features a large image of a hand holding a glowing brain. To the left of the brain, the text reads 'Digitale Gesundheitsanwendung für die Migräneprophylaxe' with a green button 'Mehr Erfahren'. To the right of the brain, there is a list of topics with green arrow icons: 'Für Ärzte', 'Indikationen', 'Kontraindikationen', 'Gebrauchsanweisung', 'Leistungsmerkmale', 'Studien und Quellen', 'Systemanforderung', 'Kompatibilität', 'Interoperabilität', and 'Datenschutzerklärung'. Below this, there is a section titled 'Informationen für Ärzt\*innen' with a sub-heading '.....' and a paragraph: 'sinCephalea ist eine Digitale Gesundheitsanwendung (DIGA) zur Prophylaxe von Migräneanfällen.' To the right of this text is a small image of a woman's face.

Reimagining medicine



perfood

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