



A journey to better health with
Microbiome-based solutions

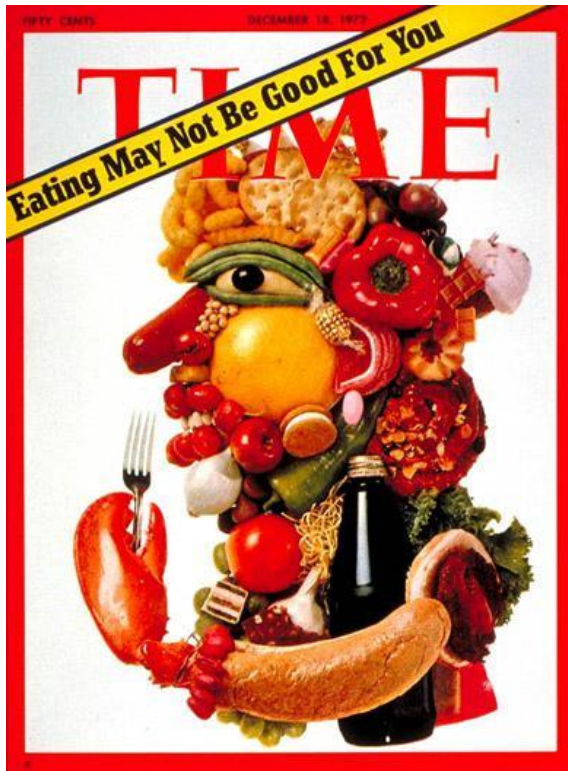
About Us

DayTwo is the first company that brings to market a process, which accurately predicts individual glycemic responses to specific foods and food combinations. DayTwo sequences the DNA of the gut microbiome while incorporating other clinical parameters to create a personalized nutrition profile. This enables food and meal recommendations that are tailored to the individual and provides unique scores to predict personalized post meal glycemic responses. Our technology is based on a four- year study led by Prof. Eran Segal & Prof. Eran Elinav from the Weizmann Institute ([Cell, Nov 15](#)) and exclusively licensed to DayTwo.

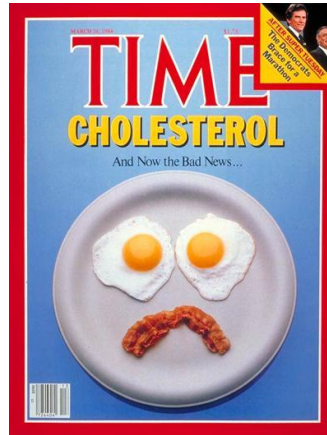


Fast Facts

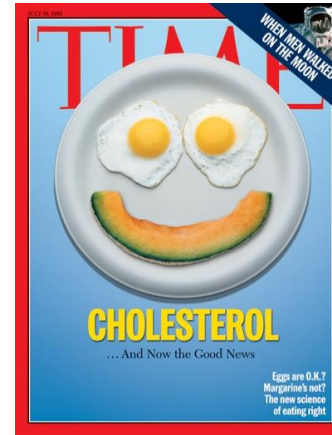
- Foundation: 2016 45 Employees
- Fully Commercialized (US, IL)
- Target Audience:
 - Type 2 Diabetes & Pre Diabetes
 - Professional Athletes
 - Wellness- Health seekers who are interested in balancing blood sugar levels
- GTM approach :
 - Health Practitioners (physicians, dietitians, diabetes educators)
 - Partners who can scale our Practitioners / units sales
 - Direct to consumer
 - Payers/Employers



1972



1984



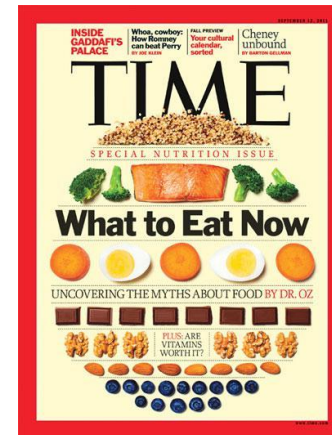
1999



2002



2003



2011

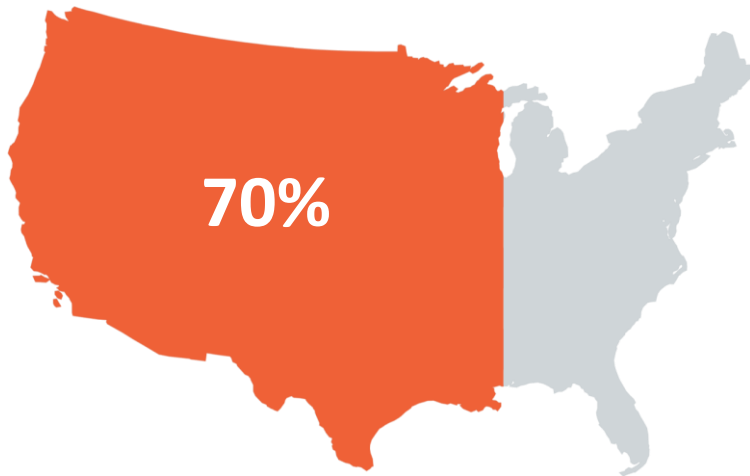


2014

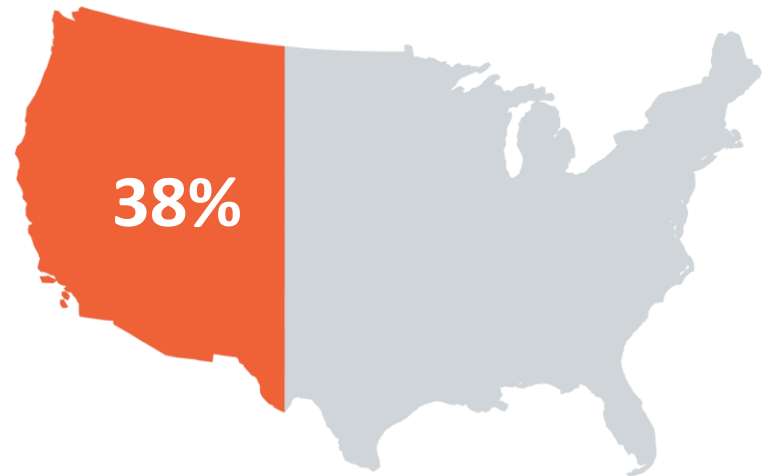
What is the best diet for humans?



1 in 10 Diabetic



7 in 10 Overweight



4 in 10 Obese

The metabolic syndrome epidemic



Prof. Eran Segal



Prof. Eran Elinav

Scientists



**Personalized Nutrition by Prediction of
Glycemic Responses**

(Segal, Elinav .et al, 2015)

**Bread Affects Clinical Parameters and Induces
Gut Microbiome-Associated Personal
Glycemic Responses**

(Segal, Elinav .et al, 2017)



**Artificial sweeteners induce glucose intolerance
by altering the gut microbiota**

(Segal, Elinav .et al, 2014)

Publications



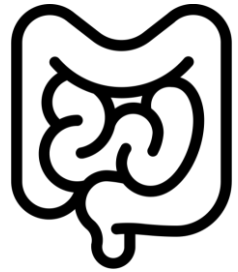
Research Partners

The Science

What is the Microbiome

Over 40 trillion of microbes in humans

Majority live in our gut, particularly in the



large
intestine

2.5kg

They weighs as
much as our
brain



NUMBER OF MICROBES = HUMAN CELLS

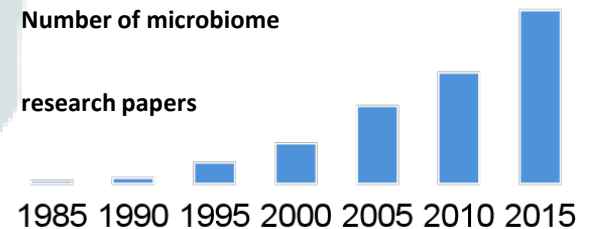
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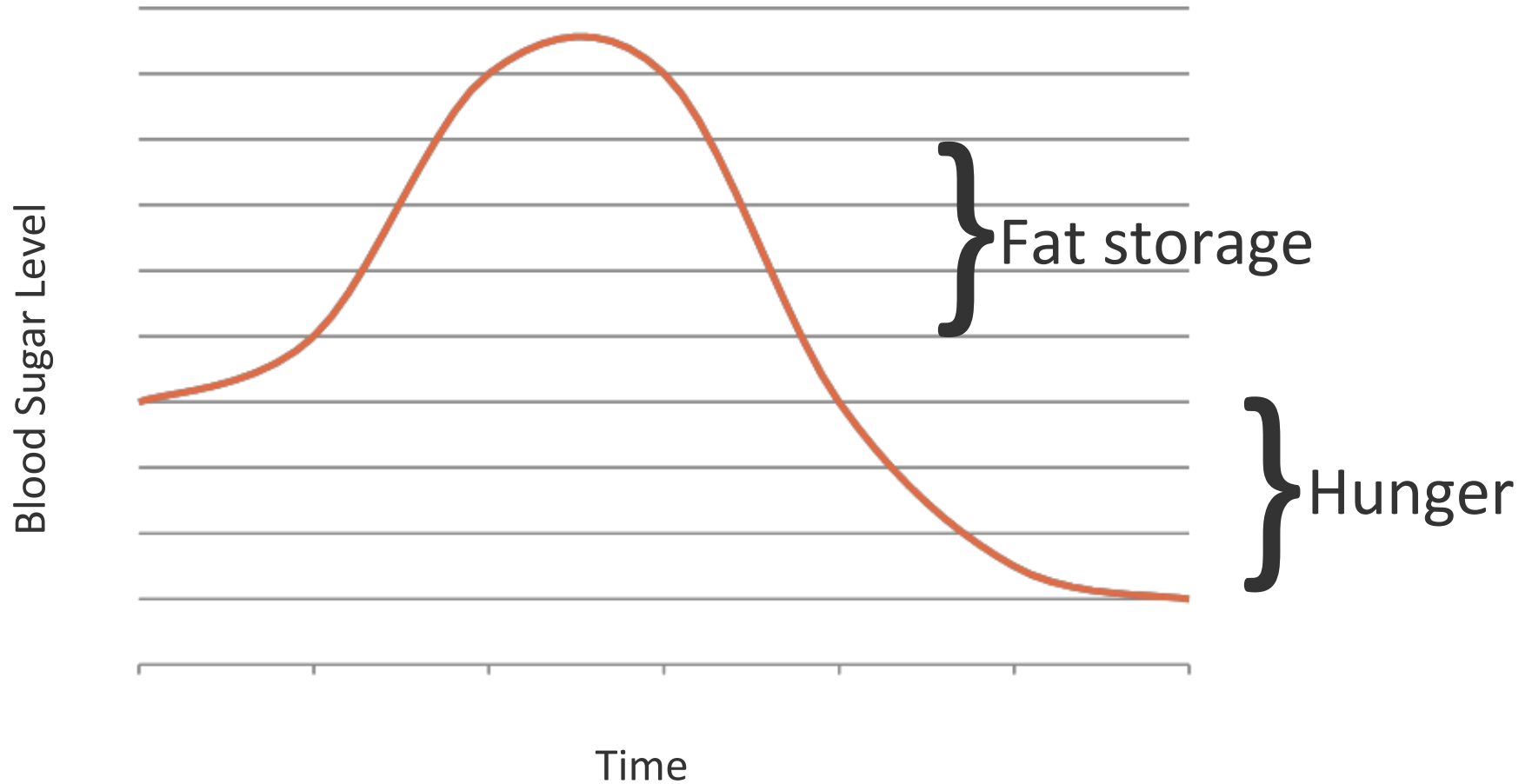
number of microbiome genes

Is 200 times the number of genes
in the human genome

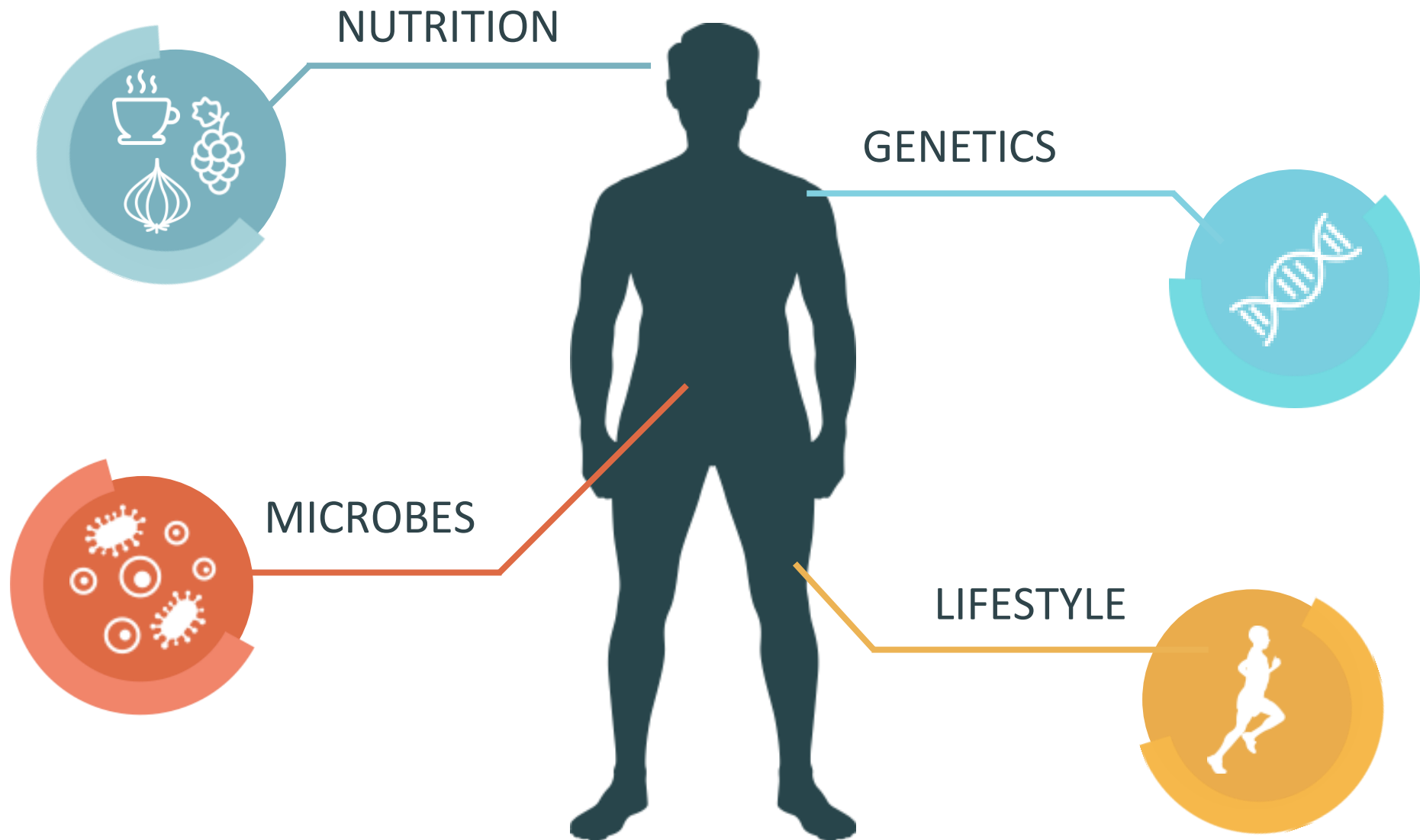


Digest our food and provide energy,
regulate our immune system, protect
against “bad” bacteria and produce vitamins



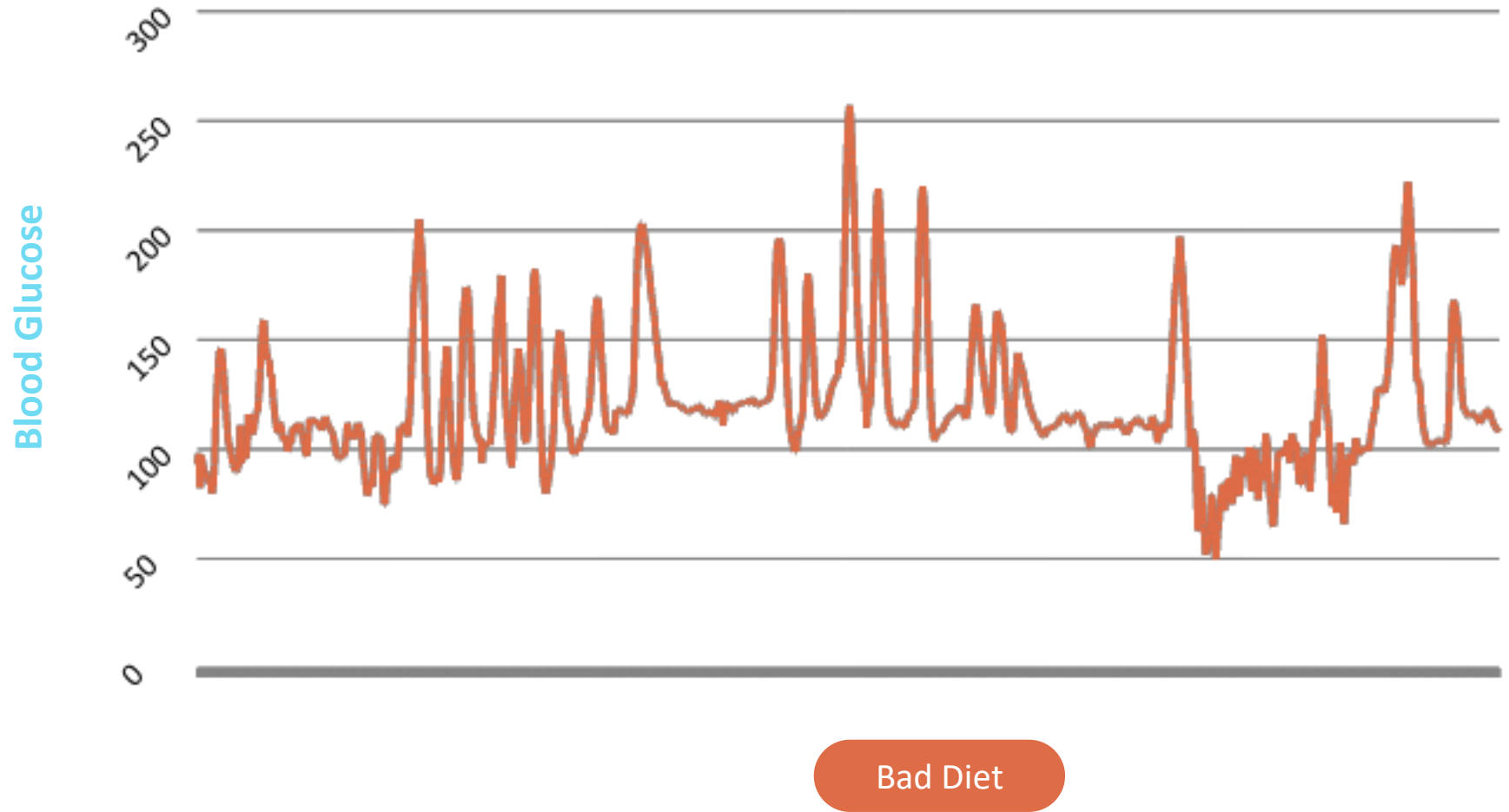


Post meal glucose response as a measure of healthy nutrition





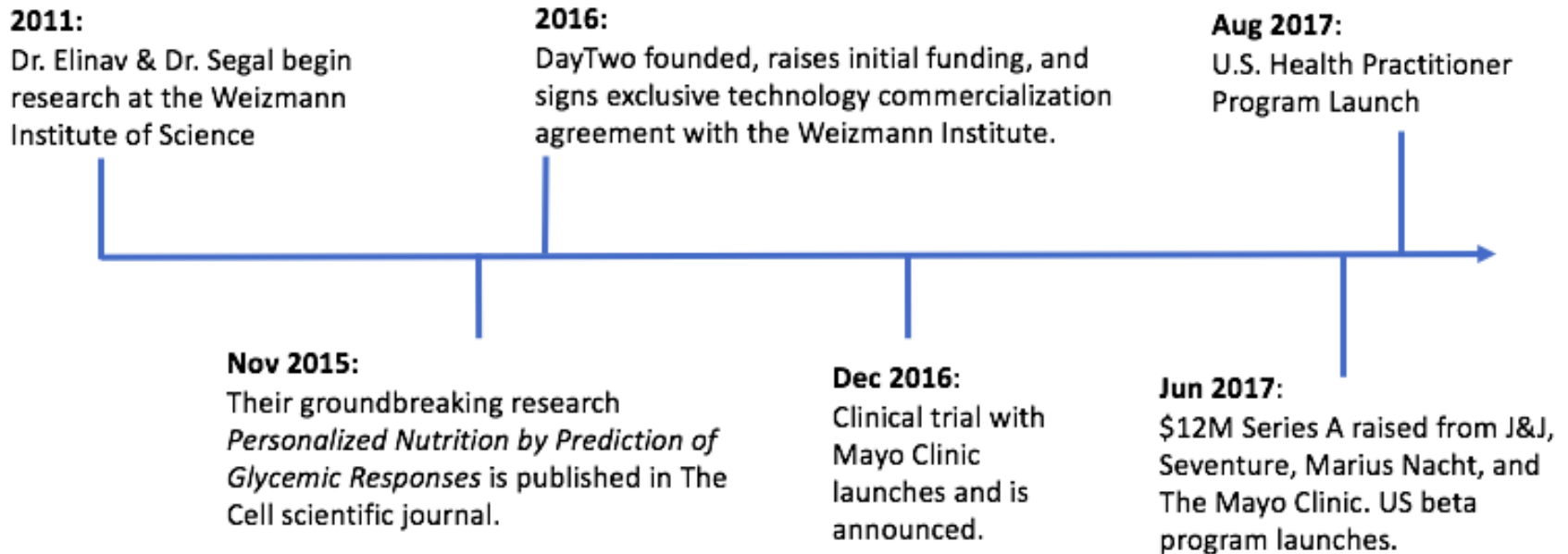
People have widely different glucose responses to the same food



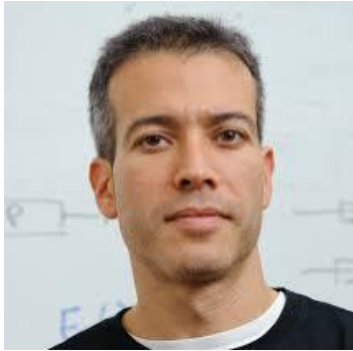
Post-meal glucose response



Personally tailored diets reduce the post-meal glucose response



Company Timeline



Prof. Eran Segal
Weizmann Institute



Prof. Eran Elinav, MD
Weizmann Institute

Science



Lihi Segal
CEO & Cofounder



Yuval Ofek
Chairman & Cofounder

Business



Investors

Our Team



The background is a solid blue color with several faint, light-blue line-art icons scattered across it. In the top left is a virus-like icon with a circular head and radiating spikes. In the top center is a smartphone icon. In the top right is a network diagram with nodes and connecting lines. In the middle right are several pill-shaped icons. In the bottom center is a database cylinder icon. In the bottom right is a gear icon with circuit-like lines extending from it. In the bottom left is another virus-like icon, similar to the one in the top left.

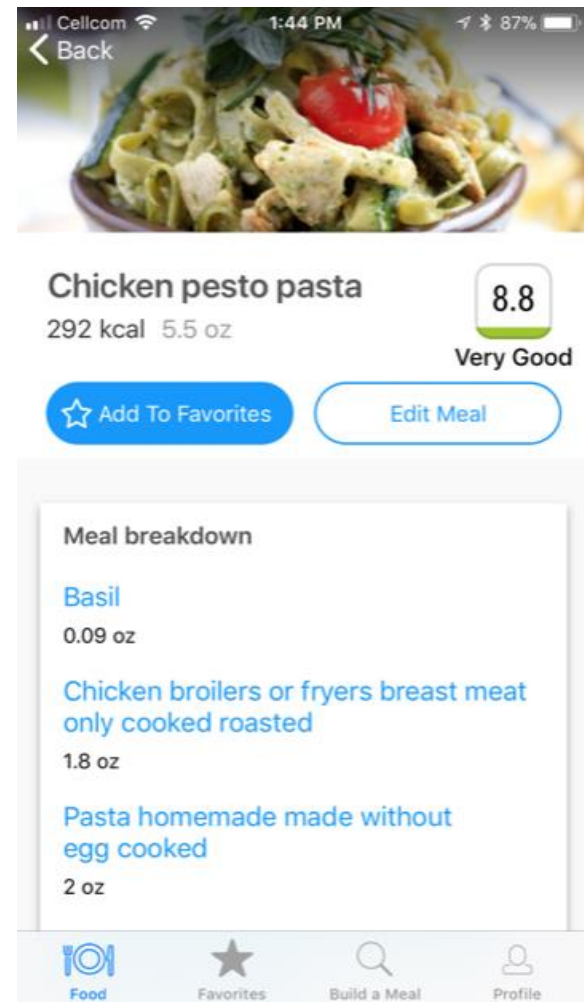
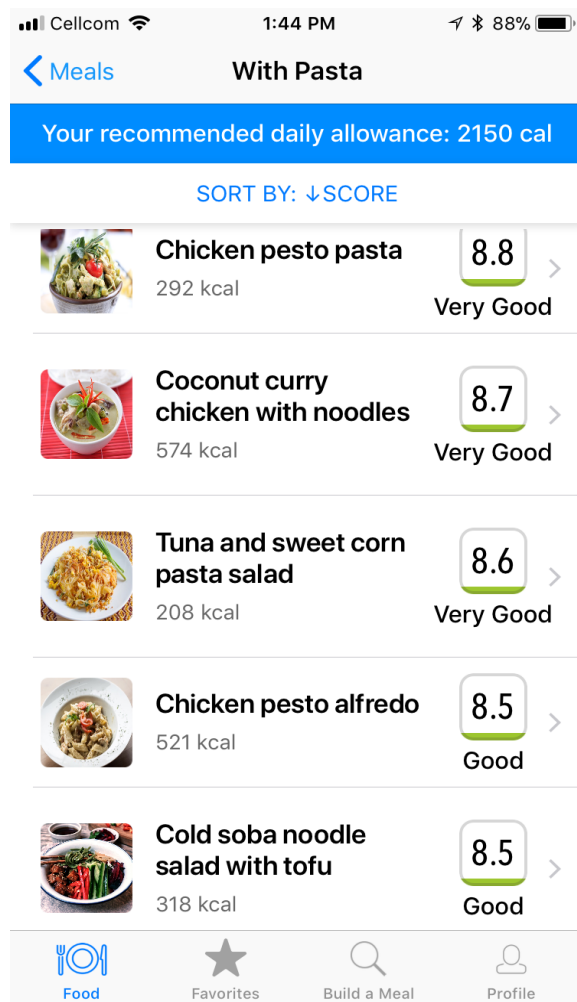
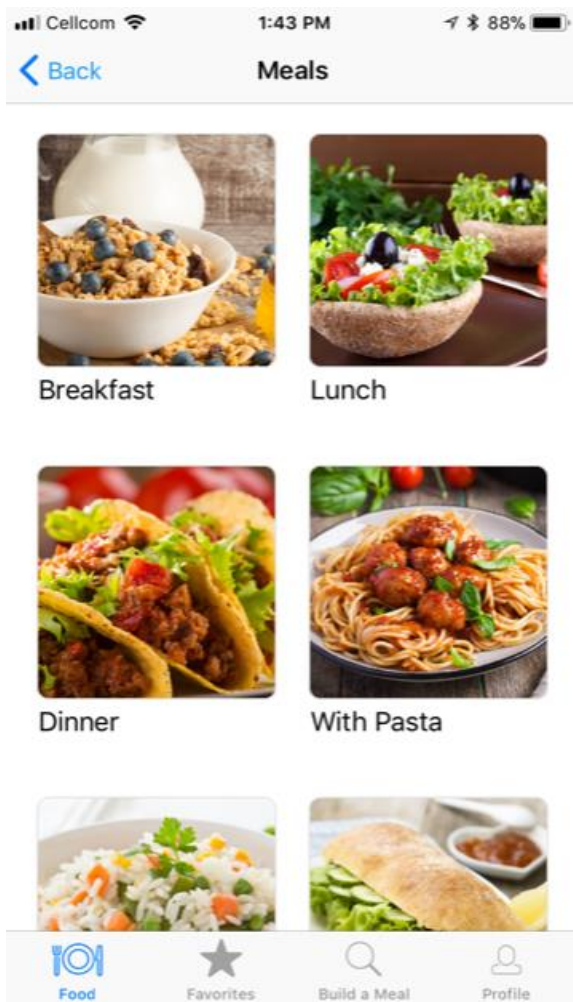
Product

Current Product:

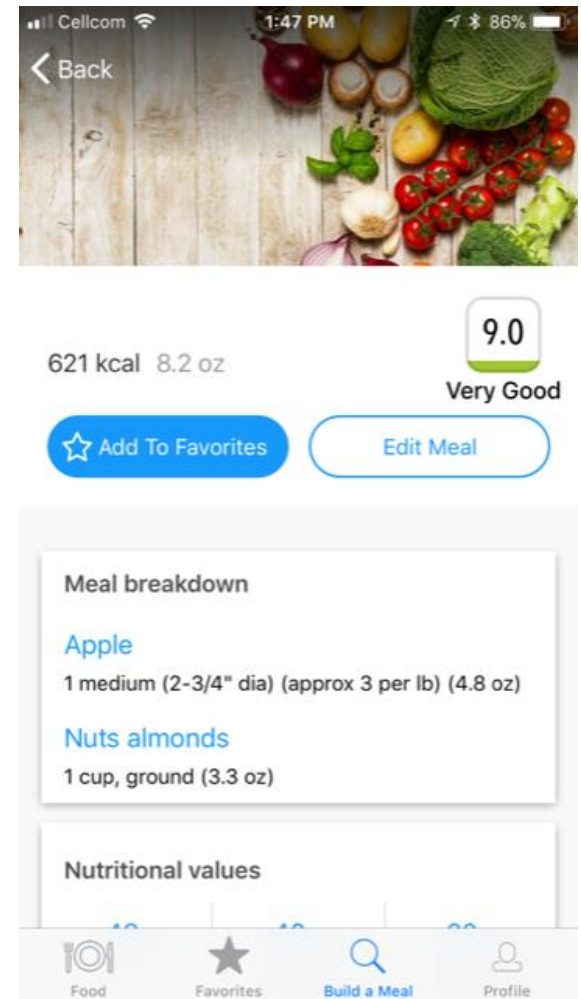
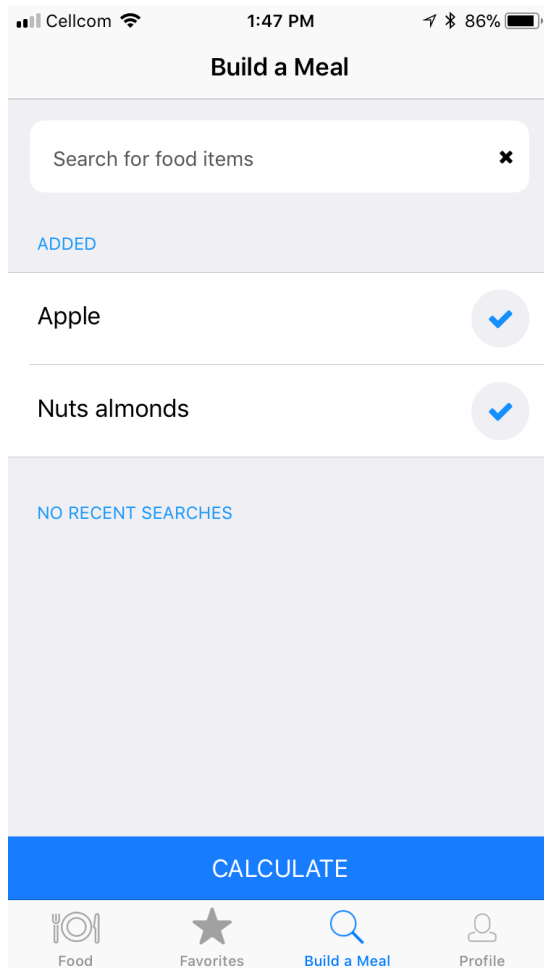
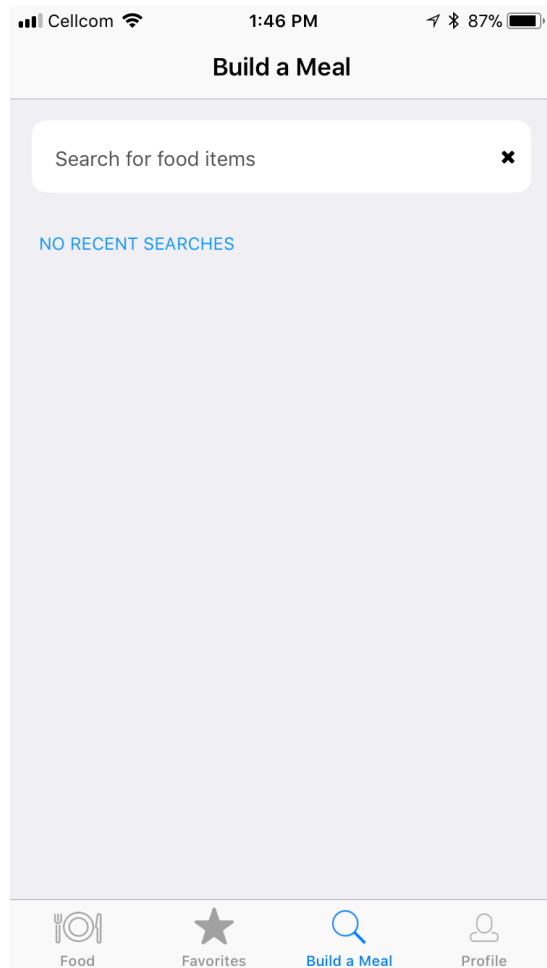
Users register online, complete questionnaires and provide some clinical and general information, and provide a small stool sample via regular mail. Using full shotgun next generation sequencing the gut microbiome is sequenced and we create a Personalized Nutrition App for each user.



Personalized Nutrition Based on Gut Microbiome



Nutrition App - Meals



Nutrition App - Build A Meal

Why you shouldn't rely on counting calories to lose weight

Eran Segal from the Weizmann Institute of Science explains why you shouldn't rely on counting calories. Following is a transcript of the video.

Eran Segal: If you take in less energy than you take out, then you will lose weight. And that idea, of course, it has some truth to it, but then it also oversimplifies the situation. And we know that this is also definitely not the full answer to it.

My name is Eran Segal. I'm a researcher at the Weizmann Institute of Science.

THE WALL STREET JOURNAL.

Europe Edition ▾ | June 11, 2018 | Today's Paper | Video

HEALTH | JOURNAL REPORTS: HEALTH CARE

Dietary Advice Based on the Bacteria in Your Gut

Companies say the microbiome varies from person to person—and so should the most effective diet

By Charles Wallace

Feb. 25, 2018 10:05 p.m. ET

For almost a decade, researchers have been sequencing the bacteria that live in the human gut. Now, some startups are claiming they can use that technology to help people diet more effectively—and in at least one case, scientists say the approach is showing some promise.

The companies are aiming to address a problem identified in recent years: Standard nutritional advice doesn't work for everyone. Research shows that people fed identical foods can have vastly different blood-glucose responses, which may explain why one person...

Forbes

NOV 30, 2015 @ 12:10 PM 7,307

The Little Black Book

Why Health Food To One Person May Be Junk Food To Another

The Washington Post
Democracy Dies in Darkness

Health & Science

Benefits of white or whole-grain bread may depend on what lives in your gut

Fox News Interview

**The New York Times**

FOOD

A Personalized Diet, Better Suited to You

BY KATE MURPHY JANUARY 11, 2016 3:59 PM 81

Media Coverage

The background is a solid blue color with several white line-art icons. In the top left is a virus-like icon with a circular head and radiating spikes. In the top center is a smartphone icon. In the top right is a network diagram with nodes and connecting lines. In the middle right are several pill-shaped icons. In the bottom center is a database cylinder icon. In the bottom right is a gear icon with circuit-like lines extending from it. The word "Market" is written in white text in the middle left area.

Market

A person wearing a white lab coat is shown from the chest up, holding a blue glucometer in their right hand and using it to test their left index finger. The background is a soft-focus clinical setting. The text "People with Diabetes, Pre-diabetes and other Metabolic Diseases" is overlaid in white on the right side of the image.

People with Diabetes, Pre-diabetes and other Metabolic Diseases

A woman with curly hair is sitting in a meditative pose on a grassy field. She is wearing a grey hoodie and black pants. Her eyes are closed, and she has a peaceful expression. The background is a soft-focus landscape with trees and a warm, golden light from the setting or rising sun, creating a bokeh effect.

Health-Conscious People

● DAY
— TWO

Professional Athletes

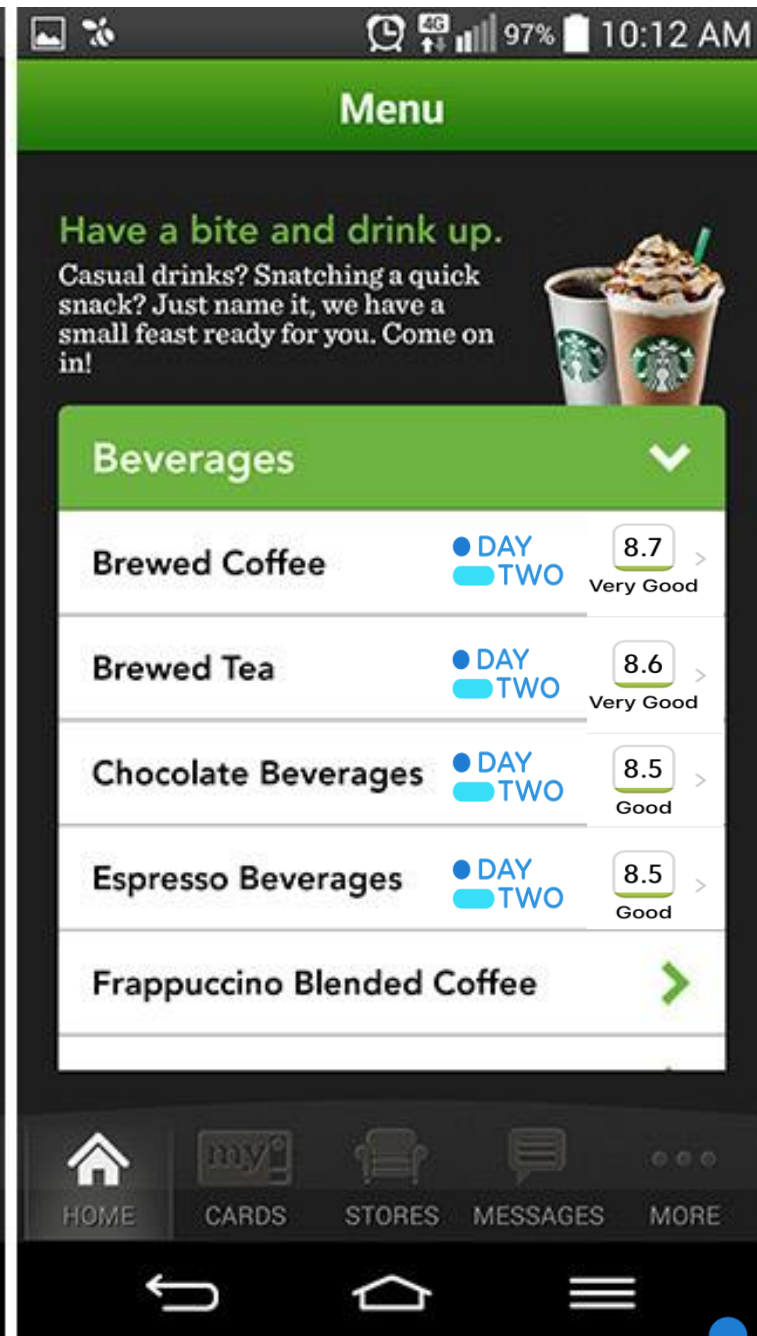
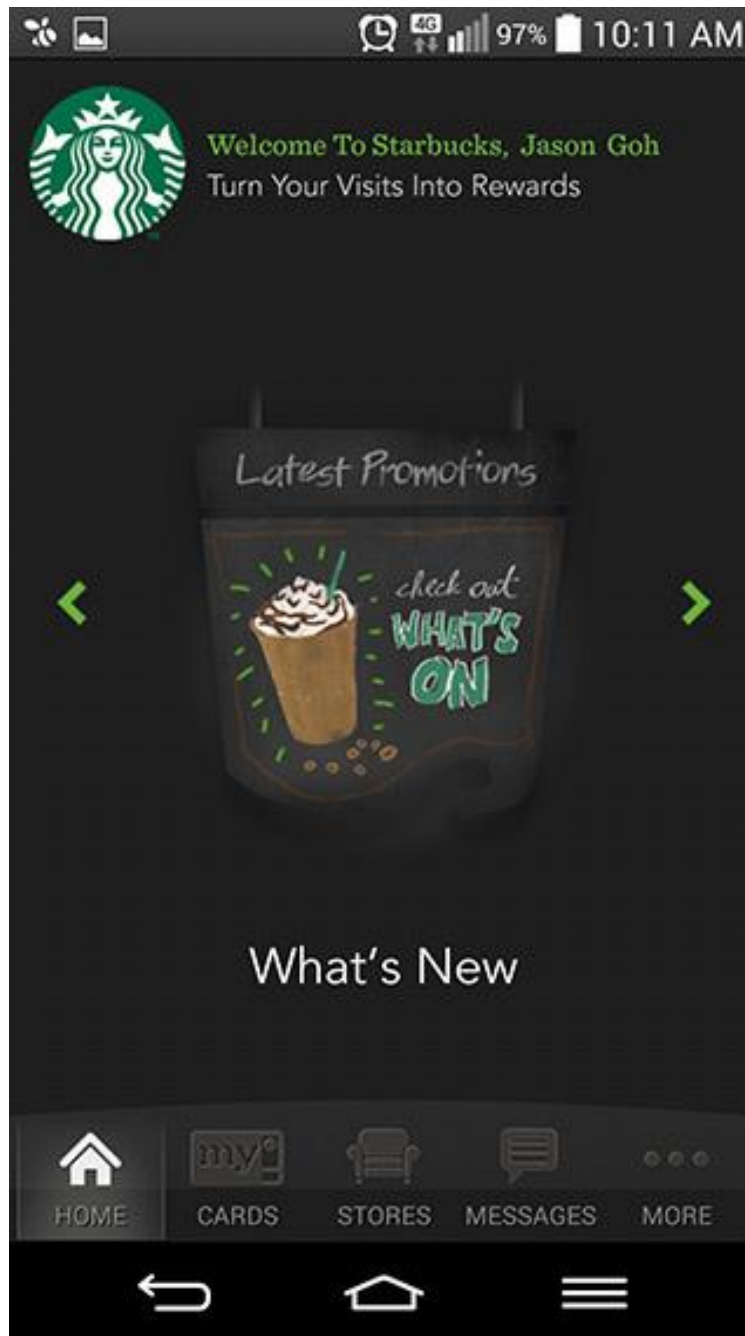
“For the first time in my career, I have been adjusting my nutrition based on the physical activity I do at the time” said Casspi. “I have always made an effort to follow nutrition recommendations suited for me. Today, thanks to DayTwo technology, my nutrition is balanced, in terms of blood sugar levels, through a well-defined balance of carbs, protein and fats.” Casspi added “I discovered that some of the food combinations recommended to me by some of the world’s top experts throughout my career did not necessarily suit my needs. A clear example of this is pasta with tomato sauce, one of my preferred meals before a game, turned out to be a poor option specifically for my body. Today, with the personalized nutrition by DayTwo, I see incredible changes. I feel more energized and focused. My blood sugar levels don’t drop during games, my energy levels are high, and I recover better after a game.”

Omri Casspi - Golden State Warriors - 2018



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Marketplace



Alexa,
What
Should I
Eat
Today?



● DAY
■ TWO

Thank You!