

## The Founders



### Matt Amicucci

#### **one.bio Cofounder and Chief Science Officer**

Dr. Matt Amicucci is one.bio's Cofounder and Chief Science Officer. He obtained his Ph.D. in agricultural and environmental chemistry from the University of California, Davis, in 2018 after spending a decade as a professional chef working in kitchens around Europe and the United States. Dr. Amicucci's doctoral and ongoing research makes possible one.bio's proprietary natural short chain fibers and the process that makes them formulable. Dr. Amicucci believes dietary fiber is at an inflection point similar to when scientists evolved a century-old description of health-supporting nutrients as general "vital amines" into the distinct vitamins A, C, D, and many others that offer specific benefits. The shift enabled the strategic use of a particular vitamin to address a metabolic issue or malnutrition-driven disease, such as applying vitamin D to improve insulin regulation or vitamin C to eliminate scurvy. With Dr. Amicucci's ongoing work to characterize the structures and microbiotic effect of dietary fibers, the generic nutrient known as "fiber" is evolving into dozens of types of fibers that can be isolated and harnessed to power up the gut microbiome's ability to address metabolic and chronic diseases. This research is being compiled into the Glyclopedia: the world's first comprehensive encyclopedia of different fibers' structures, their impact on the tens of thousands of species of gut microorganisms, and those microorganisms' ability to protect against chronic disease. The Glyclopedia contains the analysis of thousands of fiber sources, with more added every day as Dr. Amicucci continues his lifelong mission to bridge the fiber gap, enhancing human health through effective and effortless nourishment of the gut microbiome.



### Matt Barnard

#### **one.bio Cofounder and CEO**

Matt Barnard is one.bio's cofounder and CEO. His mission is to reshape the food system to prioritize flourishing and freedom from inflammatory disease. Barnard has two decades of experience building companies via executive leadership, board governance, fundraising, and strategic advisory roles. He has worked with numerous high-growth start-ups focused on improving people's lives at scale, including Assured, Mori, Fabric, Afresh, Larroude and Plenty. Barnard's encounter with a life-threatening inflammatory disease triggered an 18-month investigation into such health threats and meetings with researchers at the forefront of understanding and responding to them. The journey led to Dr. Amicucci's groundbreaking research into fiber and the formation of one.bio with Barnard as a cofounder and CEO.