

Zach Serber is a scientist and entrepreneur devoted to finding alternatives to petroleum. He recently co-founded Zymergen to expand the impact and reach of industrial microbial fermentation. Zymergen applies radical new methods to design and improve microbes by rewriting their DNA. This capability allows the company to generate novel chemicals and advanced materials far faster, at lower costs, and with less risk than ever before. Dr. Serber was previously the Director of Biology at Amyris where he worked on manufacturing bio-derived transportation fuels, on lowering the cost of the anti-malarial drug Artemisinin, and on developing advanced tools for engineering biology. Dr. Serber has 17 peer-reviewed publications, six filed patents, and has worked as a research fellow at Stanford University Medical School. He has a PhD in Biophysics from UCSF, an MSc in Neuroscience from the University of Edinburgh, and a BA from Columbia University.