



Tobin Dickerson, PhD

Toby Dickerson is cofounder and CSO of Mindera Health, a biotechnology company in San Diego, CA, USA. Mindera Health technology generates clinically validated data to lower healthcare costs and improve patient outcomes.

Toby has more than 90 publications and has served as principal investigator of both government- and corporate-sponsored research from small biotech companies and major pharmaceutical firms. His scientific expertise includes diagnostic platform development, small molecule and vaccine discovery, metabolomics, scientific algorithm and software development, phage display, and neglected tropical diseases.

His laboratory has developed technologies that allow for the prediction of protein evolution, a universal screening system for protein-ligand interactions, and a metabolomics platform for the diagnosis of infectious disease in resource-limited areas.

Toby completed his BS with high honors in chemistry from the University of Virginia in 1999 and was awarded his MA in chemistry in 2000. He matriculated to The Scripps Research Institute (TSRI) where he completed his PhD in 2004 in chemical biology.

He was promoted to TSRI faculty in 2005. There, he established a research program aimed at developing disruptive platform technologies for problems of emergent clinical significance. He joined MiNDERA from TSRI, where he was an associate professor in the Department of Chemistry and the Worm Institute for Research and Medicine from 2005-2019.