



Geraldine A. Hamilton, Ph.D.

President and Chief Scientific Officer
Emulate, Inc.

Dr. Hamilton is the President and Chief Scientific Officer of Emulate, Inc. Based on their Organs-on-Chips technology platform, the company is developing a new living human system that combines cell biology within micro-engineered environments - for researchers to accurately understand how different diseases, medicines, chemicals and foods will affect human health.

Hamilton's career spans industry, academia and building entrepreneurial companies. Prior to joining Emulate's founding team, she led the development of the Organs-on-Chips technology within the Wyss Institute for Biologically Inspired Engineering at Harvard University. The work on Organs-on-Chips has been published in high-impact scientific journals, curated into New York's Museum of Modern Art (MoMA) and awarded Product Design of the Year 2015 by London's Design Museum.

Hamilton has more than 11 years experience within the pharmaceutical industry in leadership roles managing drug discovery teams - driving new technologies, applications and product validation. Earlier in her career she was a founding scientist and VP of Scientific Operations for CellzDirect. Hamilton led scientific work and business development to translate the company's innovative technology for cell-based products to broad use across the pharmaceutical industry.

Hamilton earned her Ph.D. in cell biology and toxicology from the University of Hertfordshire (England) in conjunction with GlaxoSmithkline, followed by a post-doctoral research fellowship at the University of North Carolina. Her research career has focused on the development of novel cell-based models and applications for drug safety and efficacy testing. She has co-authored over 40 peer-reviewed publications and numerous patents.