Milad Alucozai, MSc, MPH, DrPH

Head of Bio and Deep Tech

BoxOne Ventures

Dr. Milad Alucozai is an Afghan-American neuroscientist, entrepreneur, biotech executive, and global investor with nearly two decades of experience in deep tech, primarily in life sciences. He pushes the boundaries of bioengineering and computational advancements, integrating machine learning and artificial intelligence into biology and medicine. With a strong commitment to commercializing transformative technologies and fostering startup ecosystems worldwide, he is a thought leader and mentor for entrepreneurs through organizations like Creative Destruction Lab and the Wyss Institute at Harvard University.

Currently, Milad is the head of Bio and Deep Tech at BoxOne Ventures, where he spearheads the firm's investments in early-stage companies with breakthrough scientific ideas. With nearly 80 early-stage investments, they are recognized as one of North America's most active venture firms. He is also a Venture Partner at Entrepreneur First, a global fund that has built over 500 companies from scratch with an enterprise value of $10bn. He supports founders with strategy, scaling, business development, securing growth capital, and leadership training, often being their first investor and guiding them from startup inception to IPOs or acquisitions.

He started his career in translational neuroscience and multiphysics laboratories before transitioning into founding roles at biotech startups. He is part of the founding team at Mekonos, a San Francisco-based company creating a proprietary cell-engineering platform to support the future of cell and gene therapies. He was also part of the founding team at Corstem, which specialized in machine learning and artificial intelligence software and was later acquired by Circle Cardiovascular, a platform in over 1000 hospitals and more than 40 countries. At Accenture, Milad directed teams of data scientists, designers, and engineers in developing artificial intelligence platforms for global pharmaceutical companies and hospital networks.

Milad serves as a Fellow in Healthcare Engineering at the Regenstrief Center. In 2020, he served as an External Advisor to AstraZeneca. He was recognized as a National Science Foundation Scholar and Macklin Fellow at Johns Hopkins Medicine. He graduated Phi Beta Kappa with a degree in Neuroscience from Purdue University's Honors Program. As a George J. Mitchell Scholar, he completed his master's in Immunology and earned his doctorate from the Richard M. Fairbanks School of Public Health.

At the Wyss Institute, Milad is a member of the Wyss Mentor Hive who specializes in commercializing transformative technologies and fostering startup ecosystems.

The Wyss Mentor Hive is a mentoring program that invites investors and business professionals with significant early stage translational experience, clinical and regulatory experts in driving therapeutic and device development, and serial entrepreneurs with a track record of success to work closely with Wyss entrepreneur teams on startup formation and technology commercialization. Mentors provide feedback to founders and entrepreneurs, while also demonstrating commitment and leadership in the Wyss innovation community.