Bissan Al-Lazikani, PhD
Professor, Genomic Medicine
Director, Therapeutics Data Science
MD Anderson Cancer Center

Bissan Al-Lazikani, PhD, is professor of Genomic Medicine and director of Therapeutics Data Science. She joined MD Anderson in 2021 and is a founding member of our Institute for Data Science in Oncology. She is a data scientist and drug discoverer with experience in academia and industry. She pioneered integrating multidisciplinary data and AI in drug discovery. She is the creator of canSAR.ai, the world's largest public cancer drug discovery platform, now hosted at MD Anderson, and used by researchers worldwide. Before MD Anderson, she was Chair of Data Science and Drug Discovery at the ICR, UK. There, she led AI-based approaches for objective and systematic evaluation of therapeutic targets for cancer which led to several drugs in clinical and preclinical development. She studied in the United Kingdom where she earned a doctorate in computational biology from Cambridge University and a master's degree in computer science from Imperial College.