

ABDUL LATIF JAMEEL CLINIC FOR MACHINE LEARNING IN HEALTH

The MIT Jameel Clinic is a research center housed within the MIT College of Computing that incubates research at the intersection of artificial intelligence and health. Co-founded by Community Jameel and MIT in 2018, its purpose rests on the belief that AI presents a powerful opportunity to improve the early detection and personalized treatment of diseases such as cancer, neurodegenerative disorders, and chronic diseases such as diabetes, kidney disease, and asthma.

The Jameel Clinic's two main focus areas in AI and health are (1) developing novel algorithms for clinical use, and (2) AI-driven drug discovery. Projects such as the state-of-the-art cancer risk assessment AI models MIRAI (breast cancer) and SYBIL (lung cancer) are now being deployed in hospitals around the world as part of the Jameel Clinic's AI Hospital Network, which offers support at no cost to hospitals interested in using Jameel Clinic's repository of free, open-source clinical AI models.

Grants awarded to MIT faculty from the Jameel Clinic range from \$50,000 to \$250,000 per project. In addition to research funding, the Jameel Clinic also hosts events that unite an interdisciplinary global audience of researchers, clinicians, industry experts, and policymakers to build a robust, flourishing community that can both advance research while ensuring its translation to real-life, mainstream usage.

Led by faculty leads Regina Barzilay, James J. Collins, Dimitris Bertsimas and executive director Ignacio Fuentes, the Jameel Clinic welcomes collaborators and inquiries.

Contact the Jameel Clinic (jclinic-info@mit.edu) to learn more.