

Abu Dhabi and Fred Hutchinson Cancer Center collaborate on cancer research

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To pave the way to shortening the distance between scientific discovery and patient benefit, for Abu Dhabi's community and beyond



The Department of Health - Abu Dhabi (DoH), regulator of the healthcare sector in the emirate, together with the Abu Dhabi Public Health Center (ADPHC), has announced the execution of a Memorandum of Understanding (MoU) with US-based Fred Hutchinson Cancer Center, one of the world's leading cancer research institutions and home to three Nobel laureates.

By pairing Abu Dhabi's unified clinical and genomic data infrastructure, sovereign AI capabilities and governed data environments with Fred Hutch's globally renowned research engine, the ensuing collaborations will pave the way to shortening the distance between scientific discovery and patient benefit, for Abu Dhabi's community and beyond.

Among the projected collaborations, the two organisations will consider leveraging Abu Dhabi's intelligent health system, and layering Fred Hutch's world-class science onto the secure, high-quality, real-world data foundation Abu Dhabi has built. That foundation includes the emirate's pioneering liquid biopsy programme launched last year, one of the first national-scale efforts of its kind anywhere in the world.

Alongside Abu Dhabi's AI multi-cancer early detection work, and the world's largest clinically integrated population-scale genomics programme – with nearly one million genomes sequence.

Mansoor Ibrahim Al Mansoori, Chairman of DoH commented, "Cancer is one of the defining health challenges of our time, and progress depends on combining world-class science with population-scale data, advanced AI, and research. In Abu Dhabi, we have built an AI-enabled health system that 'cares before it cures, delivering prevention at population scale.