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China to establish scientific collaborative research platform for eye diseases

June 19, 2023 | News

To identify causes of eye disease and construct screening system



The Hong Kong Polytechnic University (PolyU) has joined hands with Tianjin Medical University (TMU), China to nurture talents, build research teams, conduct scientific research and develop a scientific collaborative research platform in the next five years.

The two universities will combine their research strengths to identify causes of eye disease and the possible solutions. They will also adopt artificial intelligence technology and leverage extensive clinical data databases to construct a screening system for eye disease.

The partnership brings together the complementary strengths of the world-leading research capability of PolyU's School of Optometry (with its research impact ranking first in Asia according to *Clinical and Experimental Optometry*) and TMU's excellent research and teaching capability, which has enabled it to rank sixth among the 85 medical schools in the country.

The two institutions have carried out academic and research cooperation since 2004. In 2019, the two universities jointly established the "TMU-PolyU Optometry and Vision Science Joint Laboratory", contributing to basic scientific research and facilitating knowledge transfer outcomes.

The PolyU School of Optometry has collaborated with institutions worldwide to build interdisciplinary research teams and promote high-impact vision science research. With strategic cooperation with TMU, both institutions will have increase their competitiveness.