

Hong Kong establishes medicine-engineering collaborative innovation research lab

29 April 2025 | News

To accelerate the alignment between clinical needs and engineering solutions



The Hong Kong Polytechnic University (PolyU) and Peking University Third Hospital (PUTH) have joined hands to establish the “Medicine-Engineering Collaborative Innovation Research Laboratory”, guided by the shared vision of “interdisciplinary medicine-engineering”.

In alignment with the national strategy of “medical-engineering collaborative innovation,” the two institutions aim to drive practical innovation in the field of smart healthcare.

Prof. Fu Wei, PUTH President, remarked that medicine-engineering collaborative innovation is a driving force behind modern medical advancements. He expressed hope that this collaboration would accelerate the alignment between clinical needs and engineering solutions, promote the rapid translation of innovations, and make a profound impact on the quality of medical technologies.

Prof. Wing-tak Wong, Deputy President and Provost of PolyU, said that PolyU has a solid foundation in healthcare education and a wealth of experience in nurturing medical professionals. He expressed his hope that the establishment of the Joint Laboratory would further leverage PolyU’s strengths in medicine-engineering integration and facilitate collaboration with PUTH to advance medical technology and benefit society at large.

The two institutions also engaged in exchanges on topics such as surgical navigation, virtual reality simulation training, and biomaterials compatibility.