

**Areas of Excellence:
Institute of Molecular Technology for Drug Discovery and Synthesis**

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In the AoE second Round exercise, the UGC has allocated HK\$ 48 M to the “Institute of Molecular Technology for Drug Discovery and Synthesis” with an indicative project time-frame from 2001 to 2006. The Institute of Molecular Technology for Drug Discovery and Synthesis combines the expertise of leading academics with high international repute in chemistry and life sciences from The University of Hong Kong, The Hong Kong Polytechnic University, The Chinese University of Hong Kong, The Hong Kong University of Science and Technology, City University of Hong Kong and Hong Kong Baptist University in collaboration with scientific and industrial leaders from around the world. The mission of this AoE aims to implement world-class science and technology for the research and development in the area of drug discovery and synthesis, as well as to lay a technical foundation for a high-technology pharmaceutical and agrochemical industry in Hong Kong and nearby regions. The major research activities of the Institute include Chemical Biology of Inorganic Medicines and Traditional Chinese Medicines, discovery of new biosensors for disease monitoring, and use of chiral synthetic technologies for drug synthesis. Successful commercialization of these novel findings will foster Hong Kong’s biomedical industry and enhance Hong Kong’s status as a high technology centre in the Asia-Pacific Region.

