

Biography of Prof. Lo Yuk Ming, Dennis

Prof. Lo Yuk Ming, Dennis is the Li Ka Shing Professor of Medicine and Professor of Chemical Pathology at The Chinese University of Hong Kong (CUHK). He is also the Associate Dean (Research) of the Faculty of Medicine and the Director of the Li Ka Shing Institute of Health Sciences at CUHK. Prof. Dennis Lo's main research interest is the study of cell-free DNA and RNA molecules which exist in the plasma of human subjects. He discovered in 1997 that an unborn fetus will release its DNA into the plasma of a pregnant woman. This finding has opened up a new approach for non-invasive prenatal diagnosis. He has also applied a similar strategy to the detection of cancers which are common in Hong Kong, including nasopharyngeal cancer and liver cancer.

Professor Lo received his preclinical medical training from the University of Cambridge. He then moved to Oxford University where he pursued his clinical medical training. Following qualification, he further obtained his Doctor of Philosophy and Doctor of Medicine degrees from Oxford. Professor Lo began his academic career in Oxford as a Junior Research Fellow in Natural Sciences at Hertford College, followed by appointments to a University Lecturership in Clinical Biochemistry and a Fellowship at Green College. Professor Lo was an Honorary Consultant Chemical Pathologist at the John Radcliffe Hospital, the main teaching hospital of Oxford Medical School. He returned to Hong Kong in 1997 and joined the Faculty of Medicine of CUHK. Professor Lo is a Fellow of the Royal College of Physicians (Edinburgh and London) and a Fellow of the Royal College of Pathologists (U.K.). He is a Past President of the Hong Kong Society of Clinical Chemistry and is a Member of the Hong Kong Research Grants Council.

Professor Lo has published over 290 scientific papers in international journals. His outstanding work in research has also brought him numerous awards and honours such as:

- Cheung Kong Achievement Award
- International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) - Abbott Award for Outstanding Contribution to Molecular Diagnostics
- U.S. National Academy of Clinical Biochemistry Distinguished Scientist Award
- Senior Medical Research Fellowship, Croucher Foundation
- State Natural Science Award, People's Republic of China
- Honoree, Outstanding Young Persons of the World, Junior Chamber International
- Awardee, Outstanding Young Persons Selection (Hong Kong)
- Professors' Prize, Association of Professors of Academic Departments of Chemical Pathology
- Leader of the Year Award, Technology Category organised by SingTao Daily, Hong Kong iMail and CNBC