



The Chinese University of Hong Kong
Non-confidential Abstract of Technology Disclosure

Title:

Method for Cancer Diagnosis, Prognosis and Monitoring

CUHK Ref. No.:

06/MED/225

Inventor(s):

Professor Dennis Y M Lo, Department of Chemical Pathology

Non-confidential abstract:

Tumor-derived DNA is released into the peripheral circulation and offer a potential source for cancer diagnosis, prognosis and monitoring. We have developed a method, based on the DNA methylation changes of the tumor DNA, for sensitive detection and accurate quantification of tumor-derived DNA in the plasma and serum. The qualitative and/or quantitative changes of such DNA in the plasma and serum can be used to diagnose, prognose or monitoring cancer development. As a demonstration, we illustrate the use of this technology for the detection, prognostication and monitoring of liver cancer.

For further queries, please contact:

Mr Billy Lam
Technology Licensing Coordinator
Tel: (852) 2609 8882
Fax: (852) 2603 5451
Email: billylam@cuhk.edu.hk

Address:
Technology Licensing Office
The Chinese University of Hong Kong
Room 226, Pi Ch'iu Bldg, Shatin, New Territories
Hong Kong SAR