MAHIDOL UNIVERSITY

Since 1888

Siriraj Institutional Review Board

Certificate of Approval

<u>COA no. *Si* 469/2011</u>

Protocol Title : Prevalence of DNA mismatch repair (MMR) status และ BRAF gene mutation in colorectal cancer

at Siriraj Hospital

Protocol number : 459/2554(EC2)

Principal Investigator/Affiliation : Dr.Charuwan Akewanlop, M.D. / Department of Medicine

Faculty of Medicine Siriraj Hospital, Mahidol University

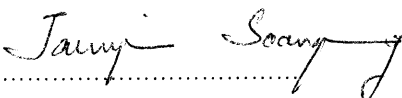**Research site** : Faculty of Medicine Siriraj Hospital

Approval includes :

1. SIRB Submission Form

2. Case Record Form

3. Principle Investigator's curriculum vitae

Approval date : August 26, 2011

Expired date : August 25, 2012

This is to certify that Siriraj Institutional Review Board is in full Compliance with International Guidelines For Human Research Protection such as the Declaration of Helsinki, the Belmont Report, CIOMS Guidelines and the International Conference on Harmonization in Good Clinical Practice (ICH-GCP).
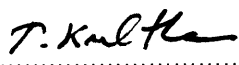
(Prof. Jarupim Soongswang, M.D.)

Chairperson

August 29, 2011

date

(Clin. Prof. Teerawat Kulthanan, M.D.)

Dean of Faculty of Medicine Siriraj Hospital

- 1 SEP 2011

date

All Siriraj Institutional Review Board Approved Investigators must comply with the Following :

1. Conduct the research as required by the Protocol ;

2. Use only the Consent Form bearing the Siriraj Institutional Review Board "APPROVED" stamp ;

3. Report to Siriraj Institutional Review Board all of serious illness of any study subject ;

4. Promptly report to Siriraj Institutional Review Board any new information that may adversely affect the safety of the subjects or the conduct of the trial ;

5. Provide reports to Siriraj Institutional Review Board concerning the progress of the research, when requested ;

6. Conduct the informed consent process without coercion or undue influence, and provide the potential subject sufficient opportunity to consider whether or not to participate.