



CURRICULUM VITAE

Name Assistant Professor Teerapong Siriboonpiputtana, PhD

Official address Human Genetic Laboratory, Department of Pathology
Faculty of Medicine, Ramathibodi Hospital, Mahidol University
Rama 6 Road, Bangkok, Thailand, 10400
Telephone: +6622011369, Fax +6622011267
Mobile: +66880892231

Contact e-mail teerapong.sir@mahidol.ac.th

Education

Degree	Field of Study	University/Institute/College	Graduated year
Doctor of Philosophy (PhD)	Cancer Studies Research	King's College of London, London, United Kingdom	2015
Master of Research (MRes)	Biomedical Science (Biology of Cancer)	The University of Liverpool, Liverpool, United Kingdom	2010
Master of Science (M.Sc.)	Clinical Pathology	Mahidol University, Bangkok, Thailand	2004
Bachelor of Science (B.Sc.)	Medical Technology	Khon Kaen University, Khon Kaen, Thailand	2002

Main research areas of interests

1. Haemato-oncology
2. Biology of cancer/leukemia stem cell
3. Biomarker of leukemia and cancers
4. Precision medicine in cancer/precision oncology
5. Molecular genetic diagnosis
6. Forensic Genetics

Awards

1. The Royal Thai Government Scholarship, Ministry of Science and Technology, Kingdom of Thailand, 2008
2. Winner of poster prize award in the title "Origin of cancer stem cells influences the utilization of self-renewal pathways and potential response to target therapy" in the Stem cells and epigenetics in cancer workshop (European Molecular Biology Organization; EMBO) during 16th -18th October 2014 at The University of Hong Kong, China
3. The Royal Golden Jubilee Ph.D. Program for student (2018)
4. Research grant for new scholar (2019), National Research Council of Thailand

5. Scholarship for early career biologists and clinicians to attend the ESH how to diagnose and treat chronic myeloid leukemia/myeloproliferative neoplasms during March 8th-10th, 2019 at Saggart, Ireland

Recent publications

1. Rujirachaivej P, **Siriboonpiputtana T**, Rerkamnuaychoke B, Magmuang S, Chareonsirisuthigul T, Boonsakan P, Petvises S, Sirirat T, Niparuck P, Chuncharunee S. The Frequency of SF3B1 Mutations in Thai Patients with Myelodysplastic Syndrome. *Asian Pac J Cancer Prev*. 2018 Jul 27;19(7):1825-1831.
2. **Siriboonpiputtana T**, Rinthachai T, Shotivaranon J, Peonim V, Rerkamnuaychoke B. Forensic genetic analysis of bone remain samples *Forensic Sci Int*. 2018 Mar;284:167-175
3. Limsuwanachot N, Rerkamnuaychoke B, Chuncharunee S, Pauwilai T, Singdong R, Rujirachaivej P, Chareonsirisuthigul T, **Siriboonpiputtana T***. Clinical and hematological relevance of JAK2 V617F and CALR mutations in BCR-ABL-negative ET patients. *Hematology*. 2017 Dec;22(10):599-606.
4. Sommaluan S, Rerkamnuaychoke B, Pauwilai T, Chancharunee S, Onsod P, Pornsarayuth P, Chareonsirisuthigul T, Tammachote R, **Siriboonpiputtana T***. The Utilization of Karyotyping, iFISH, and MLPA for the Detection of Recurrence Genetic Aberrations in Multiple Myeloma. *Asian Pac J Cancer Prev*. 2017 Nov 26;18(11):3135- 3142.
5. **Siriboonpiputtana T**, Zeisig BB, Zarowiecki M, Fung TK, Mallardo M, Tsai CT, Lau PNI, Hoang QC, Veiga P, Barnes J, Lynn C, Wilson A, Lenhard B, So CWE. Transcriptional memory of cells of origin overrides β -catenin requirement of MLL cancer stem cells. *EMBO J*. 2017 Nov 2;36(21):3139-3155.
6. Sirirat T, Chuncharunee S, Nipaluk P, **Siriboonpiputtana T**, Chareonsirisuthigul T, Limsuwannachot N, Rerkamnuaychoke B. Mutation Analysis of Isocitrate Dehydrogenase (IDH1/2) and DNA Methyltransferase 3A (DNMT3A) in Thai patients with Newly Diagnosed Acute Myeloid Leukemia *Asian Pac J Cancer Prev*. 2017 Feb 1;18(2):413-420.
7. Singdong R, **Siriboonpiputtana T**, Chareonsirisuthigul T, Kongruang A, Limsuwanachot N, Sirirat T, Chuncharunee S, Rerkamnuaychoke B. Characterization and Prognosis Significance of JAK2 (V617F), MPL, and CALR Mutations in Philadelphia Negative Myeloproliferative Neoplasms. *Asian Pac J Cancer Prev*. 2016 Oct 1;17(10):4647-4653.
8. Limsuwanachot N, **Siriboonpiputtana T**, Karntisawiwat K, Chareonsirisuthigul T, Chuncharunee S, Rerkamnuaychoke B. Multiplex RT-PCR Assay for Detection of Common Fusion Transcripts in Acute Lymphoblastic Leukemia and Chronic Myeloid Leukemia Cases. *Asian Pac J Cancer Prev*. 2016;17(2):677-84.
9. Piwkhram D, **Siriboonpiputtana T**, Beuten J, Pakakasama S, Gelfond JA, Paisooksantivatana K, Tomlinson GE, Rerkamnuaychoke B. Mutation Screening and Association Study of the Folylpolyglutamate Synthetase (FPGS) Gene with Susceptibility to Childhood Acute Lymphoblastic Leukemia. *Asian Pac J Cancer Prev*. 2015;16(11):4727-32.