



ผู้ช่วยศาสตราจารย์ ดร.พรพรรณ ดีระพัฒน์
วท.บ. (เทคนิคการแพทย์), วท.ม. (อายุรศาสตร์เขตร้อน),
Ph.D. (Trop.Med)

ภาควิชาจุลชีววิทยา คณะสาธารณสุขศาสตร์ มหาวิทยาลัยมหิดล

420/1 ถ.ราชวิถี เขตราชเทวี กทม. 10400

โทรศัพท์ : 02-354-8543-9 ต่อ 6508

โทรสาร: 02-354-8538

E-mail Address: pornphan.dir@mahidol.ac.th

งานวิจัยที่สนใจ

- การศึกษาแบคทีเรียก่อโรคในระดับโมเลกุล
- การถ่ายทอดยีนดื้อยา
- การผลิตโปรตีนต้านจุลชีพ

ผลงานตีพิมพ์

1. Kittigul L, Pombubpa K, Taweekate Y, **Diraphat P**, Sujirarat D, Khamrin P, Ushijima H. Norovirus GII-4 2006b variant circulating in patients with acute gastroenteritis in Thailand during a 2006–2007 study. *J Med Virol* 2010; 82: 854-60.
2. Kittigul L, Pombubpa K, Sukonthalux S, Rattanatham T, Utrarachkij F, **Diraphat P**. Hepatitis A virus and bacterial contamination in raw oysters in Thailand. *Southeast Asian J Trop Med Public Health* 2010; 41: 105-13.
3. Phumisantiphong U., **Diraphat P**, Uaratanawong S., siripanichgon K. Clonal spread of carbapenem resistant *Acinetobacter baumannii* in the patients and their environment at BMA Medical College and Vajira Hospital. *J Med Assoc Thai* 2009; 92(7): S173-180.
4. Aimsaad L, **Diraphat P**, Utrarachkij F, Thunyaharn S, Samakoses R, Siripanichgon K. Epidemiological Characteristics of *Acinetobacter baumannii* Infections at Phramongkutklo Hospital. *J Med Assoc Thai*, 2009; 92 (7): 164-172

5. Sirichot S, **Diraphat P**, Utrarachkij F, Tribuddharat C, Siripanichgon K. Dissemination of Class I Integron in *Acinetobacter Baumannii* Isolated from Ventilator-Associated Pneumonia Patients and Their Environment. *Southeast Asian J Trop Med Public Health* 2009; 40 (6): 1284-1292.
6. Chaladchalam S, **Diraphat P**, Utrarachkij F, Suthienkul O, Samakoses R and Siripanichgon K. Bed rails and endotracheal tube connectors as possible sources for spreading *acinetobacter baumannii* in ventilator-associated pneumonia patients. *Southeast Asian J Trop Med Public Health* 2008; 39 (4): 676-685.
7. Kittigul L, Pombubpa K, Rattanatham T, **Diraphat P**, Utrarachkij F, Pungchitton S, Khamrin P, Ushijima H. Development of a method for concentrating and detecting rotavirus in oysters. *Int J Food Microbiol* 2008; 122: 204-10.
8. Faruque, S.M., Tam, V.C., Chowdhury, N., **Diraphat, P.**, Dziejman, M., Heidelberg, J.F., Clemens, J.D., Mekalanos, J.J., Nair, G.B. Genomic analysis of the Mozambique strain of *Vibrio cholerae* O1 reveals the origin of El Tor strains carrying classical CTX prophage. *Proceedings of the National Academy of Sciences of the United States of America* 2007; 104(12): 5151-5156.
9. Faruque, S.M., Naser, I.B., Fujihara, K., **Diraphat, P.**, Chowdhury, N., Kamruzzaman, M., Qadri, F., Yamasaki, S., Ghosh, A.N., Mekalanos, J.J. Genomic sequence and receptor for the *Vibrio cholerae* phage KSF-1 Φ : Evolutionary divergence among filamentous vibriophages mediating lateral gene transfer. *J. Bacteriol* 2005; 187(12): 4095-4103.
10. Dziejman, M., Serruto, D., Tam, V.C., Sturtevant, D., **Diraphat, P.**, Faruque, S.M., Rahman, M.H., Heidelberg, J.F., Decker, J., Li, L., Montgomery, K.T., Grills, G., Kucherlapati, R., Mekalanos, J.J. Genomic characterization of non-O1, non-O139 *Vibrio cholera* reveals genes for a type III secretion system. *Proceedings of the National Academy of Sciences of the United States of America* 2005; 102(9): 3465-3470.
11. **Diraphat, P.**, Sookrung, N., Chaicumpa, W., Pumhirun, P., Vichyanond, P., Tapchaisri, P., Kalambaheti, T., Mahakunkijchareon, Y., Sakolvaree, Y., Bunnag, C. Recombinant American cockroach component, Per a 1, reactive to IgE of allergic Thai patients. *Asian Pac J Allergy Immunol* 2003; 21(1): 11-20.
12. Sookrung, N., **Diraphat, P.**, Chaicumpa, W., Tongtawe, P., Sakolvaree, Y., Tapchaisri, P., Mahakittikun, V., Tungtrongchitr, A., Vichyanond, P., Bunnag, C. Cockroach allergen detection and cockroach of allergic Thai patients. *Asian*

Pac J Allergy Immunol 2003; 21(1): 1-9.

13. Tansuphasiri, U., Vathanophas, K., Pariyanonda, A., Kittigul, L., Utrarachkij, F., **Diraphat, P.**, Siripanichgon, K., Pungchitton, S., Chitpirom, K., Cheaochantanakij, N. Rapid detection of polioviruses in environmental water samples by one-step duplex RT-PCR. *Southeast Asian J Trop Med Public Health* 2000; 31 (1): 47-56.
14. Kittigul, L., Raengsakulrach, B., Siritantikorn, S., Kanyok, R., Utrarachkij, F., **Diraphat, P.**, Thirawuth, V., Siripanichgon, K., Pungchitton, S., Chitpirom, K., Chaichantanakit, N., Vathanophas, K. Detection of poliovirus, hepatitis A virus and rotavirus from sewage and water samples. *Southeast Asian J Trop Med Public Health* 2000; 31 (1): 41-46.
