

CURRICULUM VITAE

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Researches grant funding:

1) Genetic Study of *Anopheles aconitus*.
Thailand Research Fund through the Royal
Golden Jubilee Ph. D Program (Grant No.
PHD/0044/2546: 2003-2006)

2) Population genetic study of *Anopheles
barbirostris* and *An. campestris* in Thailand.
Biodiversity Research and Training Program
(Grant No. BRT_249004: 2006-2009)

Publications:

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2. Min GS, Choochote W, Jitpakdi A, Kim SJ, Jung J, **Junkum A**. Intraspecific hybridization of *Anopheles sinensis* (Diptera: Culicidae) strains from Thailand and Korea. Mol Cells 2002; 14: 198-204.
3. Park SJ, Choochote W, Jitpakdi A, **Junkum A**, Kim SJ, Jariyapan N, Park JW, Min GS. Evidence for a conspecific relationship between two morphologically and cytologically different Forms of Korean *Anopheles pullus* mosquito. Mol Cells 2003; 14: 354-60.
4. Kim SJ, Choochote W, Jitpakdi A, **Junkum A**, Park SJ, Min GS. Establishment of a self-mating mosquito colony of *Anopheles sinensis* from Korea. Korean J Entomol 2003; 33: 267-71.
5. **Junkum A**, Choochote W, Jitpakdi A, Leemingsawat S, Komalamisra N, Jariyapan N, Boonyatakorn C. Comparative studies on the biology and filarial susceptibility of selected blood-feeding and autogenous *Aedes togoi* sub-colonies. Mem Inst Oswaldo Cruz 2003; 98: 481-85.
6. Choochote W, Rongsriyam K, Pitasawat B, Jitpakdi A, Rattanachanpichai E, **Junkum A**, Tuetun B, Chaiwong P. Evaluation of the colchicines-like activity of *Gloriosa superba*-extracted fractions for mosquito (Diptera: Culicidae) cytogenetic study. J Med Entomol 2004; 41: 672-76.

7. **Junkum A**, Jitpakdi A, Komalamisra N, Jariyapan N, Somboon P, Bates PA, Choochote W. Comparative morphometry and morphology of *Anopheles aconitus* Form B and C eggs under scanning electron microscope. Rev Inst Med Trop S Paulo 2004; 46: 257-62.
8. Kim SJ, Choochote W, Jitpakdi A, **Junkum A**, Ahn DA, Baek JA, Park MH, Kim MS, Chung KW, Min GS. Reproductive isolation between *Anopheles sinensis* and *Anopheles pullus* in Korea. J Am Mosq Control Assoc 2005; 21: 147-53.
9. Jitpakdi A, **Junkum A**, Pitasawat B, Komalamisra N, Rattanachanpichai E, Chaithong U, Tippawangkosol P, Sukontason K, Puangmalee N, Choochote W. Laboratory Colonization of *Aedes lineatopennis*. Southeast Asian J Trop Med Public Health 2005; 36 (Suppl 4): 158-66.
10. Jariyapan N, Choochote W, **Junkum A**, Jitpakdi A, Komalamisra N, Bates PA, Crampton JM. Sequence analyses of three nuclear ribosomal loci and a mitochondrial locus in cytologically different forms of Thai *Anopheles aconitus* mosquitoes. Southeast Asian J Trop Med Public Health 2005; 36: 1162-73.
11. **Junkum A**, Komalamisra N, Jitpakdi a, Jariyapan N, Min GS, Park MH, Cho KH, Somboon P, Bates PA, Choochote W. Evidence to support two conspecific cytological races of *Anopheles aconitus* in Thailand. J Vector Ecol 2005; 30: 213-24.
12. **Junkum A**, Jitpakdi A, Jariyapan N, Komalamisra N, Somboon P, Suwonkerd W, Saejeng A, Bates PA, Choochote W. Susceptibility of two karyotypic forms of *Anopheles aconitus* (Diptera: Culicidae) to *Plasmodium falciparum* and *P. vivax*. Rev Inst Med Trop S Paulo 2005; 47: 333-8.