

## ประวัติ และผลงานทางวิชาการ



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6. สถานที่ติดต่อ: ภาควิชาชีววิทยา คณะวิทยาศาสตร์ มหาวิทยาลัยขอนแก่น อำเภอเมือง จังหวัดขอนแก่น 40002 โทรศัพท์ 043-202531 โทรสาร 043-202530  
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### 7. ประวัติการศึกษา

ระดับ	ชื่อปริญญา (สาขาวิชา)	ชื่อสถาบัน	ปี พ.ศ. ที่จบ
ปริญญาตรี	วท.บ. สัตวศาสตร์	สถาบันเทคโนโลยีราชมงคล	2532
ปริญญาโท	วท.ม. พันธุศาสตร์	จุฬาลงกรณ์มหาวิทยาลัย	2535
ปริญญาเอก	ปร.ด. ชีววิทยา	มหาวิทยาลัยขอนแก่น	2556

### 8. ประวัติการทำงาน

#### 8.1 ประวัติการรับราชการ

เข้ารับราชการเมื่อวันที่ 10 เมษายน พ.ศ. 2536 เข้ารับราชการ ตำแหน่ง อาจารย์ระดับ 4 ระยะเวลาการทำงาน 23 ปี

#### 8.2 เกียรติประวัติที่ได้รับการยกย่อง

8.2.1 รางวัลนักวิจัยดีเด่น “คนดีศรีจำปา” คณะวิทยาศาสตร์ มหาวิทยาลัยขอนแก่น ประจำปี พ.ศ. 2552

8.2.2 รางวัลผู้มีผลงานตีพิมพ์ดีเยี่ยม “Wada Memorial Award” ของวารสาร CYTOLOGIA (International Journal of Cytogenetics and Biology) ประเทศญี่ปุ่น ประจำปี ค.ศ. 2012

8.2.3 รางวัลนักวิจัยดีเด่น (Excellent researcher award) มหาวิทยาลัยขอนแก่น ระดับเหรียญทอง (Gold medal researcher award) สำหรับผู้มีผลงานตีพิมพ์ในระดับนานาชาติที่อยู่ในฐานข้อมูล ISI Impact Factor และ SCOPUS มากกว่า 50 เรื่อง ประจำปี พ.ศ. 2557

8.2.4 รางวัลนักวิจัยเกียรติคุณสารสิน (Sarasin honorable researcher award) มหาวิทยาลัยขอนแก่น สำหรับผู้มีผลงานตีพิมพ์ในระดับนานาชาติที่อยู่ในฐานข้อมูล ISI Impact Factor และ SCOPUS มากกว่า 100 เรื่อง เป็นผู้นิพนธ์หลักอย่างน้อย 50 เรื่อง และผลงานวิจัยมีการถูกอ้างอิง (cited) จำนวนไม่น้อยกว่าร้อยละ 20 ประจำปี พ.ศ. 2559

8.2.5 รางวัลผู้มีผลงานวิจัยดีเด่น 50 เรื่อง ที่มหาวิทยาลัยขอนแก่นครบรอบ 50 ปี

8.2.6 รางวัลผลงานวิจัยระดับดีเด่น สภาวิจัยแห่งชาติ สาขาเกษตรศาสตร์และชีววิทยา จากผลงานวิจัยเรื่อง “พันธุศาสตร์เซลล์ของสัตว์เลี้ยงลูกด้วยนมในประเทศไทย” (Cytogenetics of mammalian in Thailand) ประจำปี พ.ศ. 2560

## 9. ผลงานทางวิชาการ

9.1 ผลงานวิจัยในระดับชาติที่อยู่ในฐานข้อมูลศูนย์ดัชนีการอ้างอิงวารสารไทย (Thai-Journal Citation Index Centre, TCI) และในระดับนานาชาติที่อยู่ในฐานข้อมูล SCOPUS และ ISI Impact Factor

- 9.1.1 Aengwanich, W., **Tanomtong, A.**, Pattanarungson, R. and Simaraks, S. 2002. Blood cell characteristic, hematological and serum biochemistry of painted stork (*Mycteria leucocephala*). Songklanakarin Journal of Science and Technology 24(3): 473-479.
- 9.1.2 Aengwanich, W., **Tanomtong, A.** and Buranarom, K. 2002. Diversity differentiation and morphometric of *Acanthopsis* spp. in the Chi river, Thailand. Thailand Journal of Agriculture Science 35(1): 99-110.
- 9.1.3 Aengwanich, W. and **Tanomtong, A.** 2004. Hematological and serum biochemical values of white ibis (*Threskiornis melanocephalus*). Songklanakarin Journal of Science and Technology 26(6): 823-827.
- 9.1.4 **Tanomtong, A.**, Chaveerach, A., Phanjun, G., Kaensa, W. and Khunsook, S. 2005. New records of chromosomal features in Indian muntjacs (*Muntiacus muntjak*) and Fea's muntjacs (*M. feae*) of Thailand. Cytologia 70(1): 71-77.
- 9.1.5 **Tanomtong, A.\***, Chaveerach, A., Sriphoom, A. and Bunjonrat, R. 2005. Cytogenetic study on wild animal species of the subfamily Paradoxurinae in Thailand. Cytologia 70(3): 249-255.
- 9.1.6 **Tanomtong, A.\***, Khunsook, S., Kaensa, W. and Kongkham, W. 2005. Cytogenetics of stump-tailed macaque, *Macaca arctoides* (Primate, Cercopithecidae) in Thailand by conventional staining. Walailak Journal Science and Technology 2(2): 231-240.
- 9.1.7 Chaveerach, A., **Tanomtong, A.**, Sudmoon, R. and Tanee, T. 2006. Genetic diversity among geographically separated populations of *Nepenthes mirabilis*. Biologia, Bratislava 61(3): 295-298.
- 9.1.8 **Tanomtong, A.\***, Khunsook, S., Kaensa, W., Bunjongrat, R. and Kongkham, W. 2006. Cytogenetic studies of rhesus monkey, *Macaca mulatta* (Primate, Cercopithecidae) in Thailand. KKU Science Journal 34(2): 103-113.

- 9.1.9 **Tanomtong, A.\***, Khunsook, S., Kaensa, W. and Bunjongrat, R. 2006. A comparison of the karyotype of five species in genus *Macaca* (Primate, Cercopithecidae) in Thailand by using conventional staining, G-banding and high-resolution technique. *Cytologia* 71(2): 161-167.
- 9.1.10 **Tanomtong, A.\***, Khunsook, S., Chaveerach, A., Kaensa, W. and Bunjongrat, R. 2006. Comparative phylogenetics of rhesus monkey (*Macaca mulatta*) and human (*Homo sapiens*) using G-banding pattern. *Cytologia* 71(1): 87-92.
- 9.1.11 **Tanomtong, A.\***, Chaveerach, A. and Bunjonrat, R. 2006. Comparative karyotypic studies on three species of the subfamily Viverrinae in Thailand. *Cytologia* 71(3): 269-273.
- 9.1.12 Tanee, T., Chaveerach, A., Sattayasai, N., **Tanomtong, A.**, Suarez, C.A. and Nuchadomrong, S. 2006. Cytogenetic and AFLP fingerprints for five species of Thai Macaques. *Cytologia* 71(3): 303-308.
- 9.1.13 **Tanomtong, A.\***, Supanuam, P., Khunsook, S., Siripiyasing, P. and Bunjonrat, R. 2006. A comparative chromosome analysis of Thai wild boar (*Sus scrofa jubatus*) and relationship to domestic pig (*S. s. domestica*) by conventional staining, G-banding and high-resolution technique. *Songklanakarin Journal of Science and Technology* 29(1): 1-13.
- 9.1.14 **Tanomtong, A.\***, Khunsook, S. and Kansa, W. 2007. Comparative chromosome G-banding analysis of long-tailed macaque (*Macaca fascicularis*) and relationship to human (*Homo sapiens*). *Songklanakarin Journal of Science and Technology* 29(3): 583-589.
- 9.1.15 Chaveerach, A., Tanee, T., Sattayasai, N., **Tanomtong, A.**, Suarez, S. A. and Nuchadomrong, S. 2007. Genetic relationships of langur species using AFLP markers. *Pakistan Journal of Biological Science* 10(9): 1445-1451.
- 9.1.16 Tanee, T., Chaveerach, A., Sattayasai, N., **Tanomtong, A.**, Suarez, S.A. and Nuchadomrong, S. 2007. Analysis of the genetic relationship among Thai gibbon species using AFLP markers. *Pakistan Journal of Biological Science* 10(9): 1459-1464.
- 9.1.17 Keawmad, P., **Tanomtong, A.\*** and Khunsook, S. 2007. A study on karyotype of the Asian leopard cat, *Prionailurus bengalensis* (Carnivora, Felidae) by conventional staining, G-banding and high-resolution technique. *Cytologia* 72(1): 101-110.
- 9.1.18 Kakampuy, W., **Tanomtong, A.\***, Chaveerach, A. and Sangpakdee, W. 2007. New Robertsonian translocation in captive Thai gaur (*Bos gaurus readei*). *Pakistan Journal of Biological Science* 10(13): 2185-2191.

- 9.1.19 Aengwanich, W. and **Tanomtong, A.** 2007. Blood cell characteristics and hematological values of free ranging-red jungle fowl (*Gallus gallus*) in Northeastern, Thailand. *Journal of Biological Science* 7(4): 689-692.
- 9.1.20 Srisamoot, N., Chaveerach, A., Nuchadomrong, S., Sattayasai, N., Chaveerach, P., **Tanomtong, A.** and Pinthog, K. 2007. Genetic relationship among wild Felidae in Thailand using AFLP markers. *Pakistan Journal of Biological Science* 10(16): 2639-2645.
- 9.1.21 Chaveerach, A., **Tanomtong, A.**, Sudmoon, R. and Tanee, T. 2007. A new species and two new varieties of piper (Piperaceae) from Thailand. *Acta Phytotax. Geobot.* 58(1): 33-38.
- 9.1.22 Supanuam, P., **Tanomtong, A.\*** and Khunsook, S. 2007. Standardized karyotype and idiogram of the pileated gibbon, *Hylobates pileatus* (Primate, Hylobatidae) by G-banding and high-resolution technique. *Cytologia* 72(2): 189-194.
- 9.1.23 Chaveerach, A., Sudmoon, R., Tanee, T., Mookkamul, P. and **Tanomtong, A.** 2007. Genetic relationship in a population of *Nelumbo nucifera* Gaertn. (Nelumbonaceae). *Journal of Biological Science* 7(8): 1388-1393.
- 9.1.24 Nie, W., Fu, B., O'Brien, P.C.M., Wang, J., Su, W., **Tanomtong, A.**, Volobouev, V., Ferguson-Smith, M.A. and Yang, F. 2008. Flying lemurs-The "flying tree shrews"? Molecular cytogenetic evidence for a Scandentia-Dermoptera clade. *BMC Biology* 6: 18.
- 9.1.25 Aengwanich, W., Narkkong, N. and **Tanomtong, A.** 2008. Morphological observation on the thrombocyte of Eastern sarus cranes (*Gus antigone sharpii*) in Northeastern Thailand. *International Journal of Zoological Research* 4(1): 68-71.
- 9.1.26 Keansa, W., **Tanomtong, A.\*** and Khunsook, S. 2008. A novel ring X chromosome in non-human primate (Assam macaque, *Macaca assamensis*). *The Nucleus* 50(3): 497-503.
- 9.1.27 Chaveerach, A., Srisamoot, N., Nuchadomrong, S., Sattayasai, N., Chaveerach, P., **Tanomtong, A.** and Pinthong, K. 2008. Phylogenetic relationships of wildlife order Carnivora in Thailand inferred from the internal transcribed spacer region. *Journal of Biological Science* 8(2): 278-287.
- 9.1.28 **Tanomtong, A.\***, Khunsook, S., Keawmad, P. and Siripiyasing, P. 2008. Karyological study of the jungle cat, *Felis chaus* (Carnivora, Felidae) by conventional staining, G-banding and high-resolution technique. *Cytologia* 73(1): 61-70.
- 9.1.29 **Tanomtong, A.\***, Khunsook, S., Keawmad, P. and Bunjonrat, R. 2008. Standardized karyotype study of the clouded leopard, *Neofelis nebulosa* (Carnivora, Felidae) by conventional staining, G-banding and high-resolution technique. *Cytologia* 73(1): 71-80.

- 9.1.30 **Tanomtong, A.\***, Khunsook, S., Keawmad, P. and Pintong, K. 2008. Cytogenetic study of the leopard, *Panthera pardus* (Carnivora, Felidae) by conventional staining, G-banding and high-resolution technique. *Cytologia* 73(1): 81-90.
- 9.1.31 Sangpakdee, W., Monthatong, M. and **Tanomtong, A.\*** 2008. Chromosome homology between human (*Homo sapiens*) and dusky langur (*Trachypithecus obscurus*) by fluorescence *In situ* hybridization. *KKU Research Journal (Graduate Studies)* 8(1): 18-24.
- 9.1.32 **Tanomtong, A.\***, Supanuam, P., Khunsook, S. and Sumramdee, C. 2008. Standardization of karyotype and idiogram of the agile gibbon, *Hylobates agilis* by G-banding and high-resolution technique. *The nucleus* 51(1, 2): 1-9.
- 9.1.33 Khunsook, S., **Tanomtong, A.\*** and Supanuam, S. 2008. Cytogenetics of the white-handed gibbon, *Hylobates lar* by G-banding and high-resolution technique. *The nucleus* 51(1, 2): 11-19.
- 9.1.34 **Tanomtong, A.\***, Khunsook, S., Supanuam, P., Jantararat, S. and Kaewsri, S. 2008. Complex inversion in chromosome 7 and reciprocal translocation between chromosome 1 and 22 of white-cheeked gibbon (*Nomascus leucogenys*) in Thailand. *The nucleus* 51(1, 2): 21-28.
- 9.1.35 **Tanomtong, A.\***, Kong-ngarm, N., Supanuam, P. and Monthatong, M. 2008. Cytogenetic study on Thai brow-antlered deer, *Cervus eldi siamensis* and Thamin brow-antlered deer, *Cervus eldi thamin* (Artiodactyla, Cervidae) by conventional staining method. *Songklanakarin Journal Science and Technology* 30(2): 171-177.
- 9.1.36 Jantararat, S., **Tanomtong, A.\***, Supanuam, P., Kaewsri, S. and Aengwanich, W. 2008. The discovery of chromosome trisomy 22: A novel chromosomal feature of siamang (*Symphalangus syndactylus*). *Cytologia* 73(2): 145-149.
- 9.1.37 **Tanomtong, A.\***, Supanuam, P. and Khunsook, S. 2008. A study on karyotype of the pileated gibbon, *Hylobates pileatus* (Primate, Hylobatidae), by conventional staining. *Songklanakarin Journal of Science and Technology* 30(4): 421-426.
- 9.1.38 **Tanomtong, A.\***, Jantararat, S., Supanuam, P. and Kaewsri, S. 2008. Standardized karyotype and ideogram of the Indochinese ground squirrel, *Menetes berdmorei* (Blyth, 1849) by conventional staining technique. *Journal of Wildlife in Thailand* 15(1): 80-88.
- 9.1.39 **Tanomtong, A.\***, Supanuam, P., Khunsook, S. and Bunjonrat, R. 2008. Karyological of the white-handed gibbon, *Hylobates lar* (Primate, Hylobatidae) by conventional staining technique. *KKU Research Journal* 13(8): 885-894.

- 9.1.40 **Tanomtong, A.\***, Supanuam, P., Sangpakdee, W., Siripiyasing, P., Boonhan, P. and Kaewsri, S. 2008. The first cytogenetic study of the Malayan porcupine, *Hystrix brachyuran* (Rodentia, Hystricidae) by conventional staining and G-banding technique. *Cytologia* 73(3): 221-228.
- 9.1.41 Siripiyasing, P., Chulalaksananukul, W., Pariyanonth, P., Kaewsri, S., Sittigul, S., Seatung, N. and **Tanomtong, A.\*** 2008. The identification of the sex chromosome and karyotype of four toad species (Genus *Bufo*) in Thailand by T-lymphocyte cell culture. *Cytologia* 73(2): 229-24.
- 9.1.42 **Tanomtong, A.\***, Supanuam, P., Sangpakdee, W. and Aengwanich, W. 2008. First chromosome characterization in the large Indian civet, *Viverra zibetha* (Carnivora, Viverridae) in Thailand by conventional staining and GTG-banded technique. *Caryologia* 63(3): 206-210.
- 9.1.43 Sangpakdee, W., **Tanomtong, A.\***, Monthatong, M., Pinthong, K., Gomontean, B. and Nie, W. 2008. The homology and relationship of human (*Homo sapiens*) chromosomes 1, 19 and Dusky langur (*Trachypithecus obscurus*) chromosomes 6, 8 demonstrated with chromosome painting. *Cytologia* 73(4): 349-355.
- 9.1.44 **Tanomtong, A.\***, Kaewmad, P., Khunsook, S. and Kaewsri, S. 2009. Cytogenetic studies of fishing cat [*Prionailurus viverrinus* (Bennett) 1833] and Asiatic golden cat [*Catopuma temminckii* (Vigors and Horsfield) 1872] by conventional staining, G-banding and high-resolution techniques. *Cytologia* 74(1): 3-15.
- 9.1.45 Sikhruadong, S., **Tanomtong, A.\***, Wonkaonoi, W. and Gomontean, B. 2009. Chromosome staining of crinum lily (*Crinum asiaticum* L.) using nature dyes. *Cytologia* 74(1): 17-22.
- 9.1.46 **Tanomtong, A.\***, Supanuam, P., Khunsook, S. and Sumrandee, C. 2009. Karyological study of the white-cheeked gibbon, *Nomascus leucogenys* (Primates, Hylobatidae) by G-banding and high-resolution techniques. *Cytologia* 74(1): 23-29.
- 9.1.47 Tanee, T., Chaveerach, A., Sudmoon, R., **Tanomtong, A.** and Mokkamul, P. 2009. Genetic relationships of Cercopithecidae in Thailand as inferred from rDNA ITS regions. *Journal of Biological Sciences* 9(1): 51-56.
- 9.1.48 Tanee, T., Chaveerach, A., Anuniwat, A., **Tanomtong, A.**, Pinthong, K., Sudmoon, R. and Mokkamul, P. 2009. Molecular analysis for genetic diversity and distance of introduces *Grus antigone sharpie* L. to Thailand. *Pakistan Journal of Biological Sciences* 12(2): 163-167.
- 9.1.49 Narkkong, N.A., Aengwanich, W. and **Tanomtong, A.** 2009. Morphological observations of the thrombocyte of white-bellied sea eagle *Haliaeetus leucogaster*. 2009. *Comp. Clin. Pathol.* 19: 263-267.

- 9.1.50 Bunjongrat, R., **Tanomtong, A.\***, Supanaum, P. and Aengwanich, W. 2009. The first chromosome characterization of the family Tragulidae (Artiodactyla) in Thailand by conventional staining. Songklanakarin Journal of Science and Technology. 31(1): 29-34.
- 9.1.51 **Tanomtong, A.\***, Khunsook, S., Jantarat, S., Supanuam, P., Kenthao, A. and Kaewsri, S. 2009. Standardized karyotype and idiogram of the variable squirrel, *Callosciurus finlaysoni bocourti* (Miline-Edwards, 1867) by conventional staining technique. Journal of Wildlife in Thailand. 16(1): 83-93.
- 9.1.52 Jantarat, S., **Tanomtong, A.\***, Kakampuy, W., Kaewsri, S. and Buranarom, K. 2009. Standardized karyotype and idiogram of Thai's native cattle, *Bos indicus* (Artiodactyla, Bovidae) by conventional staining, G-banding, C-banding and NOR-banding techniques. Thai Journal Genetics 2(2): 164-174.
- 9.1.53 Supiwong, W., Jeerranaiprepameand, P. and **Tanomtong, A.\*** 2009. A new report of karyotype in the chevron snakehead fish, *Channa striata* (Channidae, Pisces) from Northeast of Thailand. Cytologia 74(3): 317-322.
- 9.1.54 Gomontean, B., **Tanomtong, A.\***, Kakampuy, W. and Chaveerach, A. 2009. A novel Robertsonian translocation [57,rob(1/29)(4/28)] and polymorphism of nucleolar organizer regions (NORs) of captive Thai banteng (*Bos javanicus birmanicus*). Cytologia 74(4): 427-436.
- 9.1.55 **Tanomtong, A.\***, Khunsook, S., Supanuam, P. and Kaewsri, S. 2010. A novel polymorphism of nucleolar organizer regions (NORs) and complex inversion chromosome 8 of white-handed gibbon (*Hylobates lar*, Linnaeus, 1771) in Thailand. Cytologia 74(4): 379-384.
- 9.1.56 Supanuam, P., **Tanomtong, A.\***, Thiprautree, S., Sikhruadong, S. and Gomontean, B. 2010. Chromosomal staining comparison of plant cells with black glutinous rice (*Oryza sativa* L.) and lac (*Laccifer lacca* Kerr). Cytologia 75(1): 89-97.
- 9.1.57 **Tanomtong, A.\***, Khunsook, S., Supanuam, P. and Kaewsri, S. 2010. A discovery of polymorphism of nucleolar organizer regions (NORs) and whole-arm translocation (WAT) between chromosome 8 and 9 of lowland agile gibbon (*Hylobates agilis unko*) in Thailand. Cytologia 75(1): 15-21.
- 9.1.58 **Tanomtong, A.\***, Jeerranaiprepame, P. and Supiwong, W. 2010. A new polymorphism of nucleolar organizer regions (NORs) of Indian muntjac (*Muntiacus muntjak*) in Laos PDR. Cytologia 75(1): 23-30.

- 9.1.59 Supanuam, P., **Tanomtong, A.\***, Jantararat, S., Kakampuy, W., Kaewsri, S. and Kenthao, A. 2010. Standardized karyotype and idiogram of Thai native swamp buffalo, *Bubalus bubalis* (Artiodactyla, Bovidae) by convention staining, G-banding, C-banding and NOR-banding techniques. Thai Journal Genetics 3(1): 83-93.
- 9.1.60 Supiwong, W., **Tanomtong, A.\***, Kenthao, A., Seetapan, K. and Kaewsri, S. 2010. Standardized karyotype and idiogram of the three-spot gourami, *Trichogaster trichopterus* (Perciformes, Belontiidae) from Thailand. The Nucleus 53(3): 103-107.
- 9.1.61 **Tanomtong, A.\***, Khunsook, S., Seatung, N., Supanuam, P., Kenthao, A. and Kaewsri, S. 2011. Standardization of karyotype and idiogram of banded palm civet, *Hemigalus derbyanus* Thomas, 1915 (Carnivora, Viverridae) by conventional staining, G-banding and high-resolution techniques. Cytologia 76(1): 89-97.
- 9.1.62 **Tanomtong, A.\***, Kakampuy, W., Suntararak, W., Thammarat, K., Kaewsri, S. and Kenthao, A. 2011. Robertsonian translocation [XX,56 and XY,57,rob(1/29)] of captive Thai's gaur (*Bos gaurus readei*) by conventional staining, G-banding, C-banding and NOR-banding techniques. Cytologia 76(1): 99-108.
- 9.1.63 Nie, W., Wang, J., Su, W., Wang, D., **Tanomtong, A.**, Perelman, P.L., Graphodatsky, A.S. and Yang, F. 2011. Chromosomal rearrangement and karyotype evolution in carnivores revealed by chromosome painting. Heredity. 108(1): 17-27.
- 9.1.64 **Tanomtong, A.\***, Khunsook, S., Boonhan, P., Sangpadee, W., Pinthong, K. and Sanoamuang, L. 2011. The first karyotype study of lesser bamboo rat, *Cannomys badius* (Rodentia, Rhizomyinae) by conventional, GTG-, CBG-, Ag-NOR banding, and high-resolution techniques. Cytologia 76(4): 455-464.
- 9.1.65 **Tanomtong, A.\***, Khunsook, S., Seatung, N., Sangpadee, W., Kaewsri, S. and Sanoamuang, L. 2011. Karyotype study of five species of the family Viverridae in Thailand by high resolution GTG-banding technique. Cytologia 76(4): 473-483.
- 9.1.66 Supiwong, W., **Tanomtong, A.\***, Supanuam, P., Jantararat, S., Khakhong, S. and Sanoamuang, S. 2012. A discovery of nucleolar organizer regions (NORs) polymorphism and karyological analysis of Smith's barb, *Puntiplites proctoysron* (Cypriniformes, Cyprinidae) in Thailand. Cytologia. 77(1): 35-42.

- 9.1.67 Supiwong, W., **Tanomtong, A.\***, Jumrusthanasan, S., Khakhong, S., Leelarasamee, K. and Sanoamuang, L. 2012. First karyotype analysis and chromosomal characteristic of nucleolar organizer regions (NORs) of common sheathfish, *Micronema apogon* (Siluriformes, Siluridae) in Thailand. *Cytologia* 77(1): 53-58.
- 9.1.68 Supanuam, P., **Tanomtong, A.\***, Khunsook, S., Sangpakdee, W., Pinthong, K., Sanoamuang, L. and Keawsri, S. 2012. Localization of nucleolar organizer regions (NORs) of 4 gibbon species in Thailand by Ag-NOR banding technique. *Cytologia* 77(2): 141-148.
- 9.1.69 **Tanomtong, A.\***, Khunsook, S., Wonkaonoi, W., Sangpakdee, W., Bunjongrat, R. and Sanoamuang, L. 2012. Karyological analysis and nature polymorphic of nucleolar organizer regions in the Dusky leaf monkey, *Trachypithecus obscurus* (Primate, Colobinae), by conventional, GTG-, CBG- banding, and high-resolution technique. *Cytologia* 77(2): 131-139.
- 9.1.70 Silawong, K., Aoki, S., Supiwong, W., **Tanomtong, A.\***, Khakhong, S. and Sanoamuang, L. 2012. The first chromosomal characteristics of nucleolar organizer regions (NORs) in grey featherback fish, *Notopterus notopterus* (Osteoglossiformes, Notopteridae) by conventional and Ag-NOR staining techniques. *Cytologia* 77(2): 279-285.
- 9.1.71 Chuaynkern, Y., Duengkae, P., Chuaynkern, C., **Tanomtong, A.** and Patawang, I. 2013. Reptilia, Squamata, Scincidae, *Lygosoma haroldyoungi* (Taylor, 1962): New distribution records. *Checklist* 9(1): 118-120.
- 9.1.72 Kaewsri, S., **Tanomtong, A.**, Supanuam, P., Khunsook, S. and Sanoamuang, L. 2013. A Study on the chromosomes of white-cheeked gibbon, *Nomascus leucogenys* (Primate, Hylobatidae) by conventional staining technique. *KKU Science Journal* 41(2): 394-402.
- 9.1.73 Supanuam, P., **Tanomtong, A.\***, Khunsook, S., Pinthong, K. and Sanoamuang, L. 2012. Karyological analysis and morphometrics of the lesser Asiatic house bat, *Scotophilus kuhlii* (Chiroptera, Vespertilionidae). *Cytologia* 77(3): 401-411.
- 9.1.74 Gomonteir, B., **Tanomtong, A.\***, Supiwong, S., Sikhrudong, S., Khakhong, S. and Sanoamuang, L. 2012. Standardized karyotype and idiogram of two-spot glass catfish, *Ompok bimaculatus* (Siluriformes, Siluridae) in Thailand by conventional and Ag-NOR staining techniques. *Cytologia* 77(4): 459-464.
- 9.1.75 Supiwong, W., **Tanomtong, A.\***, Khakhong, S., Silawong, K., Aoki, S. and Sanoamuang, L. 2012. The first chromosomal characteristics of nucleolar organizer regions and karyological analysis of clown knife fish, *Chitala ornata* (Osteoglossiformes, Notopteridae) by T-lymphocyte cell culture. *Cytologia* 77(3): 393-399.

- 9.1.76 **Tanomtong, A.\***, Supiwong, W., Chaveerach, A., Khakhong, S., Tanee, T. and Sanoamuang, L. 2012. First report of chromosome analysis of saddleback anemonefish, *Amphiprion polymnus* (Perciformes, Amphiprioninae) in Thailand. *Cytologia* 77(4): 441-446.
- 9.1.77 Kenthao, A., **Tanomtong, A.\***, Supanuam, P., Pinyotepratan, C., Muangprom, P., Buranarom, K. and Sanoamuang, L. 2012. Standardized karyotype and ideogram of Mehsani buffaloes, *Bubalus bubalis* L. (Artiodactyla, Bovidae) by conventional staining, GTG-banding, CBG-banding and Ag-NOR banding techniques. *Buffalo Bulletin* 31(1): 24-39.
- 9.1.78 Supiwong, W., **Tanomtong, A.\***, Supanuam, P., Seetapan, K., Khakhong, S. and Sanoamuang, L. 2013. Chromosomal characteristic of Nile tilapia (*Oreochromis niloticus*) from mitotic and meiotic cell division by T-lymphocyte cell culture. *Cytologia* 78(1): 9-14.
- 9.1.79 Supanuam, P., **Tanomtong, A.\***, Khunsook, S., Kaewsri, S., Pinthong, K. and Sanoamuang, L. 2013. Karyological analysis and morphometrics of Horsfield's bat, *Myotis horsfieldii* (Chiroptera, Vespertilionidae). *Cytologia* 78(1): 15-24.
- 9.1.80 Supiwong, W., **Tanomtong, A.\***, Chaveerach, A., Tanee, T., Khakhong, S. and Sanoamuang, L. 2013. Interpopulational variation of NOR positions and karyotypic analysis of Siamese catfish (*Pseudomystus siamensis*) in Thailand. *Cytologia* 78(2): 25-34.
- 9.1.81 Siripiyasing, P., **Tanomtong, A.\***, Jumruthanasan, S., Patawang, I., Phimphan, S. and Sanoamuang, L. 2013. First cytogenetic study of Malayan snail-eating turtle, *Malayemys macrocephala* (Testudines, Geoemydidae) in Thailand. *Cytologia* 78(2): 125-132.
- 9.1.82 Phimphan, S., **Tanomtong, A.\***, Patawang, I., Kaewsri, S., Jantararat, S. and Sanoamuang, L. 2013. Cytogenetic study of Northeastern butterfly lizard, *Leiolepis reevesii rubritaeniata* (Squamata, Agamidae) in northeast Thailand. *Cytologia* 78(2): 133-140.
- 9.1.83 Pinthong, K., **Tanomtong, A.\***, Getlekha, N., Sangpadee, W., Sangpakdee, K. and Sanoamuang, L. 2013. First cytogenetic study of puff-faced water snake, *Homalopsis buccata* (Squamata, Colubridae) by conventional staining, Ag-NOR banding and GTG-banding techniques. *Cytologia* 78(2): 141-150.
- 9.1.84 Noikotr, K., Chaveerach, A., Pinthong, K., **Tanomtong, A.**, Sudmoon, R. and Tanee, T. 2013. RAPD and barcode analyses of groupers of the genus *Epinephelus*. *Genetics and Molecular Research* 12(4): 5721-5732.

- 9.1.85 Fan, X., Pingthong, K., Mkrtychyan, H., Siripiyasing, P., Kosyakova, N., Supiwong, W.,  
**Tanomtong, A.**, Chaveerach, A., Liehr, T., Cioffi, M. B. and Weise, A. 2013. First detailed reconstruction of the karyotype of *Trachypithecus cristatus* (Mammalia: Cercopithecidae). *Molecular Cytogenetics* 6(1): 58.
- 9.1.86 Supiwong, W., Liehr, T., Cioffi, M. B., Chaveerach, A., Kosyakova, N., Pinthong, K., Tanee, T. and **Tanomtong, A.** 2013. Karyotype and cytogenetic mapping of 9 classes of repetitive DNAs in the genome of the naked catfish *Mystus bocourti* (Siluriformes, Bagridae). *Molecular Cytogenetics* 6(1): art. no. 51.
- 9.1.87 Kongbuntad, W., Kaewmad, P. and **Tanomtong, A.** 2013. Semen quality and artificial insemination of Eastern Sarus crane *Grus Antigone shapii*, in captive condition in the Nakhon Ratchasima Zoo, Thailand. *World Applied Sciences Journal* 28(1): 145-152.
- 9.1.88 Noikotr, K., Pinthong, K., **Tanomtong, A.**, Sudmoon, R., Chaveerach, A. and Tanee, T. 2014. Karyotype analysis of two groupers, *Epinephelus* species (Serranidae). *Caryologia* 67(1): 63-65.
- 9.1.89 Fan, X., Sangpakdee, W., **Tanomtong, A.**, Chaveerach, A., Pinthong, K., Pornnarong, S., Supiwong, W., Trifonov, V. A., Hovhannisyan, G. G., Aroutiounian, R. M., Liehr, T. and Weise, A. 2014. Molecular cytogenetic analysis of Thai southern pig-tailed macaque (*Macaca nemestrina*) by multicolor banding. *Proceeding of the Yerevan State University (Chemistry and Biology)* 1: 46-50.
- 9.1.90 Supiwong, W., Liehr, T., Cioffi, M. B., Chaveerach, A., Kosyakova, N., Pinthong, K., Tanee, T. and **Tanomtong, A.** 2014. Chromosomal evolution in naked catfishes (Bagridae, Siluriformes): A comparative chromosome mapping study. *Zoologischer Anzeiger-A Journal of Comparative Zoology* 253(4): 316-320.
- 9.1.91 Fan, X., Sangpakdee, W., **Tanomtong, A.**, Chaveerach, A., Pinthong, K., Pornnarong, S., Supiwong, W., Trifonov, V., Hovhannisyan, G., Loth, K., Hensel, C. H., Liehr, T. H. and Weise, A. 2014. Comprehensive molecular cytogenetic analysis of Barbary macaque (*Macaca sylvanus*). *Biological Journal of Armenia* 66(1): 98-102.
- 9.1.92 Kaewmad, P., **Tanomtong, A.\***, Kaewboribut, T., Wonkaonoi, W., Khunsook, S. and Sanoamuang, L. 2013. First karyological analysis of the black crowned crane (*Balearica pavonina*) and the scaly breasted munia (*Lonchura punctulata*). *Cytologia* 78(3): 205-211.

- 9.1.93 Khruanet, W., Supiwong, W., Tumpeesuwan, C., Tumpeesuwan, S., Pinthong, K. and **Tanomtong, A.\*** 2013. First chromosome analysis and localization of the nucleolar organizer region of land snail, *Sarika resplendens* (Stylommatophora, Ariophantidae) in Thailand. *Cytologia* 78(3): 213-222.
- 9.1.94 Phimphan, S., **Tanomtong, A.\***, Jumrusthanasan, S., Supiwong, W., Siripiyasing, P. and Sanoamuang, L. 2013. First report of NORs polymorphism and chromosome analysis of John's snapper, *Lutjanus johnii* (Perciformes, Lutjanidae) in Thailand. *Cytologia* 78(4): 335-344.
- 9.1.95 Supiwong, W., **Tanomtong, A.\***, Jumrusthanasan, S., Khakhong, S., Neeratanaphan, L. and Sanoamuang, L. 2013. Standardized karyotype and idiogram of titan triggerfish, *Balistoides viridescens* (Tetraodontiformes, Balistidae) in Thailand. *Cytologia* 78(4): 345-351.
- 9.1.96 **Tanomtong, A.\***, Khunsook, S., Boonhan, P., Kaewmad, Maneechot, N. and Sanoamuang, L. 2014. The first karyological analysis, nature NOR polymorphic and delineation of the  $X_1Y, X_2Y/X_1X_2$  multiple sex chromosome system of hoary bamboo rat (*Rhizomys pruinosus*). *Cytologia* 78(4): 353-365.
- 9.1.97 **Tanomtong, A.\***, Supiwong, W., Jerranaiprepame, P., Khakhong, S., Kongpironchuen, C. and Getlekha, N. 2014. A new natural autotetraploid and chromosomal characteristics of dwarf snakehead fish, *Channa gachua* (Perciformes, Channidae) in Thailand. *Cytologia* 79(1): 15-27.
- 9.1.98 **Tanomtong, A.\***, Khunsook, S., Wonkaonoi, W., Supanuam, P., Srisamoot, N. and Jumrusthanasan, S. 2014. The first karyological study and nature NORs polymorphic of banded langur, *Presbytis femoralis* (Primate, Colobinae). *Cytologia* 79(1): 29-39.
- 9.1.99 Jantararat, S., Khunsook, S., Supanuam, P., Jeewattana, S., Kaewsri, S. and **Tanomtong, A.\*** 2014. The first chromosome analysis and localization of nucleolar organizer region of Phayre's flying squirrel, *Hylopetes phayrei* (Rodentia, Sciuridae) in Thailand. *Cytologia* 79(1): 3-14.
- 9.1.100 Pinthong, K., Supiwong, W., **Tanomtong, A.\***, Hongsachart, P., Phaengphairee, P. and Chantarangsee, M. 2014. A first karyological analysis of the sand goby, *Oxyeleotris marmoratus* (Teleostei, Eleotridae) in Thailand by Ag-NOR staining technique. *Cytologia* 79(2): 127-132.
- 9.1.101 Khakhong, S., Supiwong, W., **Tanomtong, A.\***, Sriuttha, M., Jerranaiprepame, P., Soemphol, W. and Jiwyam, W. 2014. A first chromosomal characteristic of NORs in splendid snakehead fish, *Channa lucius* (Perciformes, Channidae). *Cytologia* 79(2): 133-139.

- 9.1.102 Patawang, I., **Tanomtong, A.\***, Phimphan, S., Chuaynkern, Y., Chuaynkern, C., Phaengphairee, P. and Nithikulworawong, N. 2014. The identification of sex-chromosomes and karyological analysis of rice frog, *Fejervarya limnocharis*, (Anura, Ranidae) from northeast Thailand. *Cytologia* 79(2): 141-150.
- 9.1.103 Supiwong, W., Liehr, T., Cioffi, M. B., Chaveerach, A., Kosyakova, N., Fan, X., Tanee, T. and **Tanomtong, A.** 2014. Comparative cytogenetic mapping of rRNA genes among naked catfishes: Implications for genomic evolution in the bagridae family. *Genetics and Molecular Research* 13(4): 9533-9542.
- 9.1.104 Patawang, I., **Tanomtong, A.\***, Jumrusthanasan, S., Kakampuy, W., Neeratanaphan, L. and Pinthong, K. 2014. Chromosomal characteristics of NORs and karyological analysis of Tokay gecko, *Gekko gecko* (Gekkonidae, Squamata) from mitotic and meiotic cell division. *Cytologia* 79(3): 315-324.
- 9.1.105 Kasiroek, W., Luangoon, N., Getlekha, N., Saowakoon, S., Phinrub, W. and **Tanomtong, A.\*** 2014. First report on heteromorphic NORs and chromosome analysis of Rolland's demoiselle, *Chrysiptera rollandi* (Perciformes, Pomacentrinae) by conventional and Ag-NOR staining techniques. *Cytologia* 79(3): 289-297.
- 9.1.106 Kaewmad, P., Monthatong, M., Supiwong, W., Saowakoon, S. and **Tanomtong, A.\*** 2014. Natural autotetraploid and chromosomal characteristics in the subfamily Botiinae (Cypriniformes, Cobitinae) from northeast Thailand. *Cytologia* 79(3): 299-313.
- 9.1.107 Jantarat, S., Supanuam, P., **Tanomtong, A.\***, Khunsook, S., Prakrongrak, N. and Kaewsri, S. 2014. Chromosome analysis and morphometric of intermediate roundleaf bat, *Hipposideros larvatus* (Chiroptera, Hipposideridae) by conventional, GTG-banding and Ag-NOR banding techniques. *Cytologia* 79(4): 445-456.
- 9.1.108 Kaewsri, S., Yodmuang, S., **Tanomtong, A.\***, Patawang, I., Jumrusthanasan, S. and Pinthong, K. 2014. Cytogenetics of skink (Reptilia, Scincidae) from Thailand; I: chromosome analysis of common sun skink (*Eutropis multifasciata*). *Cytologia* 79(4): 457-466.
- 9.1.109 Kaewsri, S., Saenjundaeng, P., Jumrusthanasan, S., Suksuwan, R., **Tanomtong, A.\*** and Supiwong, W. 2014. The first report on NORs and chromosome analysis of Ttripletail wrasse, *Cheilinus trilobatus* (Perciformes: Labridae). *Cytologia* 79(4): 437-443.

- 9.1.110 Kaewsri, S., **Tanomtong, A.\***, Getlekha, N., Saenjundaeng, P., Suksuwan, R. and Supiwong, W. 2014. Standardized karyotype and idiogram of Quoy's parrotfish, *Scarus quoyi* (Perciformes: Scaridae) by conventional staining and Ag-NOR banding techniques. *Cytologia* 79(4): 429-435.
- 9.1.111 Fan, X., **Tanomtong, A.**, Chaveerach, A., Pinthong, K., Siripiyasing, P., Supiwong, W., Liehr, T. and Weise, A. 2014. High resolution karyotype of Thai crab-eating macaque (*Macaca fascicularis*). *Archives of Biological Science (Belgrade)* 66(4): 1603-1607.
- 9.1.112 Jumrusthanasan, S., Supiwong, W., Suvarnaraksha, A., Jiwyam, W., Pinthong, K. and **Tanomtong, A.\*** 2015. First karyological analysis of the vermiculate spinefoot, *Siganus vermiculatus* (Perciformes, Siganidae) from Thailand. *Cytologia* 80(1): 111-116.
- 9.1.113 **Tanomtong, A.\***, Chaiyaphan, P., Supanuam, P., Puramongkol, T., Maneechot, N. and Jangsuwan, N. 2015. The Standard karyotype of the Asiatic jackal *Canis aureus*, (Carnivora, Canidae) from Thailand. *Cytologia* 80(1): 3-13.
- 9.1.114 Patawang, I., **Tanomtong, A.\***, Jumrusthanasan, S., Neeratanaphan, L., Pinthong, K. and Jangsuwan, N. 2015. Karyological analysis of the Indo-Chinese water dragon, *Physignathus cocincinus* (Squamata, Agamidae) from Thailand. *Cytologia* 80(1): 15-23.
- 9.1.115 Maneechot, N., Supiwong, W., Jumrusthanasan, S., Siripiyasing, P., Pinthong, K. and **Tanomtong, A.\*** 2015. Chromosomal characteristics of the royal knifefish, *Chitala blanci* (Osteoglossiformes, Notopteridae) by conventional and Ag-NOR staining techniques. *Cytologia* 80(2): 159-166.
- 9.1.116 Phimphan, S., **Tanomtong, A.\***, Supiwong, W., Nithikulworawong, N., Suvarnaraksha, A. and Kaewsri, S. 2015. Karyological analysis of the Barramundi, *Lates calcarifer* (Perciformes, Latidae) *Cytologia* 80(2): 167-172.
- 9.1.117 Supanuam, P., **Tanomtong, A.\***, Khunsook, S., Khrueanet, W., Pinthong, K. and Wonkaonoi, W. 2015. First report of standardized karyotype and idiogram of Indochinese silvered langur, *Trachypithecus germaini germaini* (Primate, Colobinae) in Thailand. *Cytologia* 80(2): 183-192.
- 9.1.118 Cioffi, M. B., Bertollo, L. A. C., Villa, M. A., Oliveira, E. A. **Tanomtong, A.**, Yano, C. F., Supiwong, W. and Chaveerach, A. 2015. Genomic organization of repetitive DNA elements and its implications for the chromosomal evolution of channid fishes (Actinopterygii, Perciformes). *PLOS ONE* 12: 1-13.

- 9.1.119 Phimphan, S., Sangpakdee, W., Supiwong, W., Patawang, I and **Tanomtong, A.\*** 2015. Cytogenetics study and characterization of microsatellites d(CGG)<sub>10</sub>, d(CA)<sub>15</sub>, and telomeric regions in the genome of blacktail snapper, *Lutjanus fulvus* (Perciformes, Lutjanidae). In: National Genetics Conference 2015 (NGC2015), “Genetics and Genomics: from Molecular Studies to Applications” 15-17 July, Khon Kaen, p.78-84.
- 9.1.120 Patawang, I. and **Tanomtong, A.\*** 2015. Karyological analysis of Asian house gecko (*Hemidactylus frenatus*) and frilly house gecko (*H. platyurus*) from northeastern Thailand. In: National Genetics Conference 2015 (NGC2015), “Genetics and Genomics: from Molecular Studies to Applications” 15-17 July, Khon Kaen, p.308-313.
- 9.1.121. Patawang, I., **Tanomtong, A.\***, Chuaynkern, Y., Chuaynkern, C. and Duengkae, P. 2015. Karyotype homology between *Calotes versicolor* and *C. mystaceus* (Squamata, Agamidae) from northeastern Thailand. Nucleus 58(2):117-123.
- 9.1.122 Promsid, P., Neeratanaphan, L., Supiwong, W., Sriuttha, M. and **Tanomtong, A.** 2015. Chromosomal aberration of snakehead fish (*Channa striata*) in affected reservoir by leachate with lead and mercury contamination. International Journal of Environmental Research 9(3): 897-906.
- 9.1.123 Supiwong, W., **Tanomtong, A.\***, Pinthong, K., Kaewmad, P., Poungnak, P. and Jangsuwan, N. 2015. First chromosomal characteristics of nucleolar organizer regions and karyological analysis of pink anemonefish, *Amphiprion perideraion* (Perciformes, Amphiprioninae). Cytologia 80(3): 271-278.
- 9.1.124 Pinthong, K., Maneechot, N., **Tanomtong, A.\***, Supiwong, W., Chananoon, T. and Jangsuwan, N. 2015. The first karyological analysis and chromosomal characteristic of NORs of the cloudy grouper, *Epinephelus erythrurus* (Perciformes, Epinephelinae) in Thailand. Cytologia 80(3): 279-286.
- 9.1.125 Fan, X., Supiwong, W., Weise, A., Mrasek, K., Kosyakova, N., **Tanomtong, A.**, Pinthong, K., Trifonov, V. A., Cioffi, M. B., Grothmann, P., Liehr, T. and deOliveira, E. H. C. 2015. Comprehensive characterization of evolutionary conserved breakpoints in four New World Monkey karyotypes compared to *Chlorocebus aethiops* and *Homo sapiens*. Heliyon: e00042.
- 9.1.126 Suttichaiya, A., Khammanichanh, A., Patawang, I., Sriuttha, M., **Tanamtong, A.** and Neeratanaphan, L. 2016. Chromosome aberrations of East Asian bullfrog (*Hoplobatrachus rugulosus*) around a gold mine area with arsenic contamination. EnvironmentAsia 9(1): 67-76.

- 9.1.127 Sangpakdee, W. Phimphan, S., **Tanomtong, A.\***, Patawang, I., Pinthong, K. and Neeratanaphan, L. 2015. Karyological study of *Lutjanus ehrenbergii* and *L. carponotatus* (perciformes, lutjanidae) by classical and Ag-NOR staining techniques. *Nucleus* 59(1): 53-59.
- 9.1.128 Patawang, I., **Tanomtong, A.\***, Kaewmad, P., Chuaynkern, Y. and Duengkae, P. 2015. New record on karyological analysis and first study of NOR localization of parthenogenetic brahminy blind snake, *Ramphotyphlops braminus* (Squamata, Typhlopidae) in Thailand. *Nucleus* 59(1): 61-66.
- 9.1.129 Maneechot, N., Yano, C. F., Bertollo, L. A. C., Getlekha, N., Molina, W. F., Ditcharoen, S., Tengjaroenkul, B., Supiwong, W., **Tanomtong, A.** and Cioffi, M. B. 2016. Genomic organization of repetitive DNAs highlights chromosomal evolution in the genus *Clarias* (Clariidae, Siluriformes). *Molecular Cytogenetic* 9: 4.
- 9.1.130 Maneechot, N., Kaewsri, S., Patawang, I., Jumrusthanasan, S., Pinthong, K. and **Tanomtong, A.\*** 2015. The short arm of chromosome pair 15 deletion (15p-) of albino stump-tailed macaque (*Macaca arctoides*) in Laos PDR. *KKU Science Journal* 43(4): 715-725.
- 9.1.131 Sangpakdee, W., **Tanomtong, A.**, Fan, X., Pinthong, K., Weise, A. and Liehr, T. 2016. Application of multicolor banding combined with heterochromatic and locus-specific probes identify evolutionary conserved breakpoints in *Hylobates pileatus*. *Molecular Cytogenetics* 9:17.
- 9.1.132 Getlekha, N., Molina, W. F., Cioffi, M. B., Yano, C. F., Maneechot, N., Bertollo, L. N. C., Supiwong, W. and **Tanomtong, A.\*** 2016. Repetitive DNAs highlight the role of chromosomal fusions in the karyotype evolution of *Dascyllus* species Pomacentridae, Perciformes). *Genetica* 144(2): 203-211.
- 9.1.133 Anja Weise, A., Bhatt, S., Piaszinski, K., Kosyakova, N., Fan, X., Altendorf-Hofmann, A., **Tanomtong, A.**, Chaveerach, A., Cioffi, M.B., Oliveira, E., Walther, J., Liehr, T. and Chaudhuri, J. P. 2016. Chromosomes in a genome-wise order: evidence for metaphase architecture. *Molecular Cytogenetics* 9: 36.

## 9.2 ตำรา และหนังสือ

- 9.2.1 **Alongklod Tanomtong** and Ruengwit Bunjongrat. 2012. An Atlas of Mammalian Chromosome in Thailand Volume 1. Chulalongkorn University Press: Bangkok, Thailand. 458 p.

หมายเหตุ: จัดจำหน่ายโดยศูนย์หนังสือจุฬาลงกรณ์มหาวิทยาลัย (พิมพ์ครั้งที่ 1) จำนวน 500 เล่ม ราคาเล่มละ 580 บาท

9.2.2 **Alongklod Tanomtong**, Krit Pintong, Pornnarong Siripiyasing and Praween Supanuam, 2015. An Atlas of Mammalian Chromosome in Thailand Volume 2. Khon Kaen University Press: Khon Kaen, Thailand. 568 p.

หมายเหตุ: จัดจำหน่ายโดยศูนย์หนังสือมหาวิทยาลัยขอนแก่น (พิมพ์ครั้งที่ 1) จำนวน 500 เล่ม ราคาเล่มละ 550 บาท

9.2.3 **อลงกลอด แทนอมทอง**. 2551. ข้อมูลวิชาการเรื่องชะมดเขียด จากโครงการศึกษาวิจัยสมุนไพรร "ชะมดเขียด" เพื่อประกาศให้เป็นสมุนไพรรักษาโรค. พิมพ์ครั้งที่ 2 (1,000 เล่ม). สถาบันการแพทย์แผนไทย, กรมพัฒนาการแพทย์แผนไทยและการแพทย์ทางเลือก, กระทรวงสาธารณสุข. 86 หน้า.

หมายเหตุ: จัดพิมพ์โดยสถาบันการแพทย์แผนไทย (พิมพ์ครั้งที่ 2) จำนวน 1,000 เล่ม

9.2.4 **อลงกลอด แทนอมทอง**. 2554. พันธุศาสตร์เซลล์ (Cytogenetics). พิมพ์ครั้งที่ 1. โรงพิมพ์มหาวิทยาลัยขอนแก่น, ขอนแก่น. 387 หน้า.

หมายเหตุ: จัดจำหน่ายโดยศูนย์หนังสือมหาวิทยาลัยขอนแก่น (พิมพ์ครั้งที่ 1) จำนวน 1,000 เล่ม ราคาเล่มละ 300 บาท

### 9.3 เครื่องราชอิสริยาภรณ์ที่ได้รับ

- ประถมาภรณ์ช้างเผือก (ป.ช.)

๕ ธันวาคม ๒๕๕๘

Knight Grand Cross (First Class) of the Most Exalted Order of the White Elephant

ราชกิจจานุเบกษา เล่ม 132 ตอนที่ 31 ข ลว.4 ธ.ค.58 หน้า 58

- ประถมาภรณ์มงกุฎไทย (ป.ม.)

๕ ธันวาคม ๒๕๕๕

Knight Grand Cross (First Class) of the Most Noble Order of the Crown of Thailand

ราชกิจจานุเบกษา เล่ม 129 ตอนที่ 35 ข ลว.3 ธ.ค.55 หน้า 129

- ทวีติยาภรณ์ช้างเผือก (ท.ช.)

๕ ธันวาคม ๒๕๕๒

Knight Grand Cross (Second Class) of the Most Exalted Order of the White Elephant

ราชกิจจานุเบกษา เล่ม 127 ตอนที่ 6 ข ลว.6 มิ.ย.53 (เล่มที่ 8/2) หน้า 19

- ทวีติยาภรณ์มงกุฎไทย (ท.ม.)

๕ ธันวาคม ๒๕๔๘

Knight Grand Cross (Second Class) of the Most Noble Order of the Crown of Thailand

ราชกิจจานุเบกษา เล่ม 123 ตอนที่ 14 ข ลว.27 มิ.ย.49 (เล่มที่ 8/3) หน้า 26

- ตริตาภรณ์ช้างเผือก (ต.ช.)

๕ ธันวาคม ๒๕๔๔

Commander (Third Class) of the Most Exalted Order of the White Elephant

ราชกิจจานุเบกษา ฉบับทะเบียนฐานันดร เล่ม 119 ตอนที่ 2 ข ลงวันที่ 22 ก.พ.45 (เล่มที่ 10) หน้า 63

- ตริตาภรณ์มงกุฎไทย (ต.ม.)

๕ ธันวาคม ๒๕๔๑

Commander (Third Class) of the Most Noble Order of the Crown of Thailand

ราชกิจจานุเบกษา เล่ม 116 ตอนที่ 3 ข ลว.29 ม.ค.42 (เล่มที่ 10)