



## ARMED FORCES RESEARCH INSTITUTE OF MEDICAL SCIENCES

### Biographical sketch



<b>Name :</b>	Maj. Noppadon Sangjun
<b>Position title:</b>	Chief of Laboratory Animals Section, Analysis Division
<b>Degree and year:</b>	D.V.M.(1995), M.Sc.(pathobiology)(2008)
<b>Clinical and/or Area Interests:</b>	Animal model for Biomedical material research and Infectious research
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<b>Practice Location:</b>	Laboratory Animals Section, Analysis Division
<b>Year Started Practice:</b>	1996
<b>Board Certification:</b>	-
<b>Medical School:</b>	-
<b>Internship:</b>	-
<b>Residency:</b>	-
<b>Committe/Memberships:</b>	
<b>Language Spoken:</b>	Thai
<b>Training:</b>	<ul style="list-style-type: none"> <li>-ISO/IEC guide 25 Training Course for Section Heads; 1999</li> <li>-Laboratory animal core course: ACUP orientation DOD laboratory animal care workshop: Walter Reed Army Institute of Research, USA.; 2000</li> <li>-Rodent handling techniques DOD laboratory animal care workshop: Walter Reed Army Institute of Research, USA.; 2000</li> <li>-Aseptic and sterile techniques DOD laboratory animal care workshop: Walter Reed Army Institute of Research, USA.; 2000</li> </ul>

Research experience:	Leptospirosis, Scrub typhus, Herb Medical material
Fields of Study:	Pathology
Research Project:	<ol style="list-style-type: none"> <li>1. The effect of rapamycin on severe pulmonary leptospirosis in guinea pig model</li> <li>2. An evaluation of wound healing of Chitin-PAA and Chitin-PAA-GTMAC compared with commercial product (Intrasite Gel™) in Wistar rats</li> <li>3. An Evaluation of Efficacy of Carboxymethyl-chitosan Based Hemostat: In Vivo Study</li> <li>4. Topical hemostatic effect of Monosodium glutamate (Pong-Chu-Rose) in rat models</li> <li>5. Survey of Leptospirosis in reservoir animals and water-resources at the Infantry Battalion of Chulachomklao Royal Military Academy</li> </ol>
Honors/Award:	-
Publication:	<ol style="list-style-type: none"> <li>1. <u>Muensoongnoen J, Phulsuksombati D, Parichatikanond P, Sangjun N, Pilakasiri C, Sripaoraya K, Roongruangchai J, Koedpuech K and Pilakasiri K.</u> 2006. A histopathological study of hearts and spleens of hamsters (<i>Mesocricetus auratus</i>) infected with <i>Leptospira interrogans</i>, serovar pyrogenes. <i>Southeast Asian J Trop Med Public Health.</i> 37(4):720-8.</li> <li>2. Tansuphasiri U, Chanthadee R, Phulsuksombati D and <b>Sangjun N.</b> 2006. Development of a duplex-polymerase chain reaction for rapid detection of pathogenic <i>Leptospira</i>. <i>Southeast Asian J Trop Med Public Health.</i> 37(2):297-308.</li> <li>3. Praditpornsilpa K, <b>Sangjun N,</b> Kittikowit W, Phulsuksombati D, Avihingsanon Y, Kansanabuch T, Tungsanga K and Eiam-Ong S. 2006. Alleviation of renal and pulmonary injury by immunomodulation in leptospirosis: hamster model. <i>J Med Assoc Thai</i> 89 Suppl 2:S178-87.</li> <li>4. Doungchawee G, Phulsuksombati D, Naigowit P, Khoaprasert Y, <b>Sangjun N,</b> Kongtim S and Smythe L. 2005. Survey of leptospirosis of small mammals in Thailand. <i>Southeast Asian J Trop Med Public Health.</i> 36(6):1516-22.</li> <li>5. <u>Sejvar J, Tangkanakul W, Ratanasang P, Dowell SF, Sangjun N, Bragg S, Ashford D, Tappero J.</u> 2005 An outbreak of leptospirosis, Thailand--the importance of the laboratory. <i>Southeast Asian J Trop Med Public Health.</i> 36(2):289-95.</li> <li>6. Pundee S, <b>Sangjun N</b> and Jatisatienr A. (2003) Toxicity study of <i>Stemona curtisii</i> Hk.f. <i>Thai Journal of Phytopharmacy.</i> 10 (2):13-21</li> </ol>

7. Coleman RE, Monkanna T, Linthicum KJ, Strickman DA, Frances SP, Tanskul P, Kollars TM Jr, Inlao I, Watcharapichat P, Khlaimanee N, Phulsuksombati D, **Sangjun N**, Lerdthusnee K. 2003. Occurrence of *Orientia tsutsugamushi* in small mammals from Thailand. *Am J Trop Med Hyg.* 69(5):519-24.

8. Lerdthusnee K, Khlaimanee N, Monkanna T, **Sangjun N**, Mungviriya S, Linthicum KJ, Frances SP, Kollars TM Jr and Coleman RE. 2002. Efficiency of *Leptotrombidium chiggers* (Acari: Trombiculidae) at transmitting *Orientia tsutsugamushi* to laboratory mice. *J Med Entomol.* 39(3):521-5.

9. Duriyapunt P, Nisalak A, Singsawat P, Phulsuksombati D, Junlanantho P, **Sangjun N**, Tabprasit S and Lewis M. Update on pre- and post-deployment disease surveillance of Royal Thai Army troops deployed to East Timor. 12th Asia Pacific Military Medicine Conference. Kuala Lumpur, Malaysia. 22-25 April 2002.

10. Pilakasiri K, Phulsuksombati D, Muensoongnoen J, **Sangjan N**, Sripaoraya K, Koedpuech K, Pilakasiri C. A Microanatomical Study of the Organs of Hamsters (*Mesocricetus auratus*) Infected with *Leptospira interrogans*, serovars Pyrogenes Which Caused an Outbreak in Thailand 1999. *Siriraj Hosp Gaz* 2001; 53(12): 887-905.

11. Phulsuksombati D, **Sangjun N**, Khoprasert Y, Kingnate D, Tangkanakul W. *Leptospira* in Rodent, Northeastern Thailand 1999-2000. *Journal of Health Science* 2001; 10: 516-525.

12. Phulsuksombati D, Tangkanakul W, Kingnate D, **Sangjun N**, Khoprasert U, Hamarit K. Isolation of *Leptospira* from Wild Rodents in Nakornratchasima Province, 1998. *Journal of Health Science* 1999; 8(3): 360-369.