

## 五、參考文獻

1. C. H. Wang, C. F. Lo, J. H. Leu, C. M. Chou, P. Y. Yeh, H. Y. Chou, M. C. Tung, C. F. Chang, M. S. Su, G. H. Kou. Purification and genomic analysis of baculovirus associated with white spot syndrome (WSBV) of *Penaeus monodon*. *Dis. Aquat. Org.* 1995, 23, 239-242.
2. C. F. Lo, C. H. Ho, S. E. Peng, C. H. Chen, H. C. Hsu, Y. L. Chiu, C. F. Chang, K. F. Liu, M. S. Su, C. H. Wang, G. H. Kou. White spot syndrome baculovirus (WSBV) detection in cultured and captured shrimp, crabs and other arthropods. *Dis. Aquat. Org.* 1996, 27, 215-225.
3. C. F. Lo, C. H. Ho, C. H. Chen, K. F. Liu, Y. L. Chiu, P. Y. Yeh, S. E. Peng, H. C. Hsu, H. C. Liu, C. F. Chang, M. S. Su, C. H. Wang, G. H. Kou. Detection and tissue tropism of white spot syndrome baculovirus (WSBV) in captured brooders of *Penaeus monodon* with a special emphasis on reproductive organs. *Dis. Aquat. Org.* 1997, 30, 53-72.
4. M. F. Tsai, G. H. Kou, H. C. Liu, K. F. Liu, C. F. Chang, S. E. Peng, H. C. Hsu, C. H. Wang, C. F. Lo. Long-term presence of white spot syndrome virus (WSSV) in a cultivated shrimp population without disease outbreaks. *Dis. Aquat. Org.* 1999, 38, 107-114.
5. C. F. Lo, J. H. Leu, C. H. Ho, C. H. Chen, S. E. Peng, Y. T. Chen, C. M. Chou, P. Y. Yeh, C. J. Huang, H. Y. Chou, C. H. Wang, G. H. Kou. Detection of baculovirus associated with white spot syndrome (WSBV) in penaeid shrimp using polymerase chain reaction. *Dis. Aquat. Org.* 1996, 25, 133-141.
6. F. Yang, J. He, X. Lin, Q. Li, D. Pan, X. Zhang, X. Xu. Complete genome sequence of the shrimp white spot bacilliform virus. *J. Virol.* 2001, 75, 11811-11820.
7. J. Huang, X. Song, J. Yu, C. Yang. Baculoviral hypodermal and hematopoietic necrosis-study on the pathogen and pathology of the explosive epidemic disease of shrimp. *Marine Fisheries Research*. 1995. 16, 1-10

8. Y. Takahashi, T. Itami, M. Kondo, M. Maeda, R. Fujii, S. Tomonaga, K. Supamattaya, S. Boonyaratpalin. Electron microscopic evidence of bacilliform virus infection in Kuruma shrimp (*penaeus japonicus*). *Fish Pathol.* 1994, 29, 121-125
9. C. Wongteerasupaya, J. E. Vickers, S. Sriurairatana, G. L. Nash, A. Akarajamorn, V. Boonsaeng, S. Panyim, A. Tassanakahon, B. Withyanchumnarnkul, T. W. Flegel. A non-occluded, systemic baculovirus that occurs in cells of ectodermal and mesodermal origin and causes high mortality in the black tiger prawn *penaeus monodon*. *Dis. Aquat. Org.* 1995, 21, 69-77
10. C. F. Lo, G. H. Kou. Virus associated white spot syndrome of shrimp in Taiwan: A review. *Fish Pathology*. 1998, 33, 365-371.
11. C. F. Lo, H. C. Hsu, M. F. Tsai, C. H. Ho, S. E. Peng, G. H. Kou, D. V. Lightner. Specific genomic DNA fragment analysis of different geographical clinical samples of shrimp white spot syndrome virus. *Dis. Aquat. Org.* 1999, 35, 175-185.
12. G. B. Elion. Acyclovir: discovery, mechanism of action, and selectivity. *J. Med. Virol.* 1993, 1, 2-6.
13. L. W. Frick, D. J. Nelson, M. H. St Clair, P. A. Furman, T. A. Krenitsky. Effects of 3'-azido-3'-deoxythymidine on the deoxynucleotide triphosphate pools of cultured human cells. *Biochem. Biophys. Res. Commun.* 1988, 154, 124-129.
14. A. Fridland, M. C. Connelly, R. Ashmun. Relationship of deoxynucleotide changes to inhibition of DNA synthesis induced by the antiretroviral agent 3'-azido-3'-deoxythymidine and release of its monophosphate by human lymphoid cells (CCRF-CEM). *Mol. Pharmacol.* 1990, 37, 665-670.
15. J. Labenz, D. Friedrich, D. Falke. Analysis of the TK enzyme complex induced by HSV types 1 and 2 by means of isoelectric focusing and polyacrylamide gel electrophoresis. *Arch. Virol.* 1982, 71, 235-249.

16. M. S. Chen, W. H. Prusoff. Association of thymidylate kinase activity with pyrimidine deoxyribonucleoside kinase induced by herpes simplex virus. *J. Biol. Chem.* 1978, 253, 1325-1327.
17. M. S. Chen, W. P. Summers, J. Walker, W. C. Summers, W. H. Prusoff. Characterization of pyrimidine deoxyribonucleoside kinase (thymidine kinase) and thymidylate kinase as a multifunctional enzyme in cells transformed by herpes simplex virus type 1 and in cells infected with mutant strains of herpes simplex virus. *J. Virol.* 1979, 30, 942-945.
18. M. S. Chen, J. Walker, W. H. Prusoff. Kinetic studies of herpes simplex virus type 1-encoded thymidine and thymidylate kinase, a multifunctional enzyme. *J. Biol. Chem.* 1979, 254, 10747-10753.
19. A. T. Jamieson, G. A. Gentry, J. H. Subak-Sharpe. Induction of both thymidine and deoxycytidine kinase activity by herpes viruses. *J. Gen. Virol.* 1974, 24, 465-480.
20. A. T. Jamieson, J. H. Subak-Sharpe. Biochemical studies on the herpes simplex virus-specified deoxypyrimidine kinase activity. *J. Gen. Virol.* 1974, 24, 481-492.
21. E. V. Koonin, T. G. Senkevich. Evolution of thymidine and thymidylate kinases: the possibility of independent capture of TK genes by different groups of viruses. *Virus Genes.* 1992, 6, 187-196.
22. A. Lavie, N. Ostermann, R. Brundiers, R. S. Goody, J. Reinstein, M. Konrad, I. Schlichting. Structural basis for efficient phosphorylation of 3'-azidothymidine monophosphate by Escherichia coli thymidylate kinase. *Proc. Natl. Acad. Sci. U S A.* 1998, 95, 14045-14050.
23. C. M. Petit, K. K. Koretke. Characterization of Streptococcus pneumoniae thymidylate kinase: steady-state kinetics of the forward reaction and isothermal titration calorimetry. *Biochem. J.* 2002, 363, 825-831.

24. M. F. Tsai, H. T. Yu, H. F. Tzeng, J. H. Leu, C. M. Chou, C. J. Huang, C. H. Wang, J. Y. Lin, G. H. Kou, C. F. Lo. Identification and characterization of a shrimp white spot syndrome virus (WSSV) gene that encodes a novel chimeric polypeptide of cellular-type thymidine kinase and thymidylate kinase. *Virology*. 2000, 277, 100-110.
25. H. F. Tzeng, Z. F. Chang, S. E. Peng, C. H. Wang, J. Y. Lin, G. H. Kou, C. F. Lo. Chimeric polypeptide of thymidine kinase and thymidylate kinase of shrimp white spot syndrome virus: thymidine kinase activity of the recombinant protein expressed in a baculovirus/insect cell system. *Virology*. 2002, 299, 248-255.
26. M. Caruso. Gene therapy against cancer and HIV infection using the gene encoding herpes simplex virus thymidine kinase. *Mol. Med. Today*. 1996, 2, 212-217.
27. C. Combet, M. Jambon, G. Deleage, C. Geourjon. Geno3D: automatic comparative molecular modelling of protein. *Bioinformatics*. 2002, 18, 213-214.
28. R. A. Laskowski, D. S. Moss, J. M. Thornton. Main-chain bond lengths and bond angles in protein structures. *J. Mol. Biol.* 1993, 231, 1049-1067.
29. C. Colovos, T. O. Yeates. Verification of protein structures: patterns of nonbonded atomic interactions. *Protein Sci.* 1993, 2, 1511-1519.
30. R. Luthy, J. U. Bowie, D. Eisenberg. Assessment of protein models with three-dimensional profiles. *Nature*. 1992, 356, 83-85.
31. J. Pontius, J. Richelle, S. J. Wodak. Deviations from standard atomic volumes as a quality measure for protein crystal structures. *J. Mol. Biol.* 1996, 264, 121-136.
32. G. S. Chen, C. S. Chang, W. M. Kan, C. L. Chang, K. C. Wang, J. W. Chern. Novel lead generation through hypothetical pharmacophore three-dimensional database searching: discovery of isoflavonoids as nonsteroidal inhibitors of rat 5 alpha-reductase. *J. Med. Chem.* 2001, 44, 3759-3763.