

รายการอ้างอิง

- Besenigar, M., Macek, P., Lakey, J. H., & Anderluh, G. (2006). Surface plasmon resonance in protein-membrane interactions. *Chemistry and Physics of Lipids*, 141(1-2), 169-178.
- Boonserm, P., Davis, P., Ellar, D. J., & Li, J. (2005). Crystal structure of the mosquito-larvicidal toxin Cry4Ba and its biological implications. *Journal of Molecular Biology*, 348(2), 363-382.
- Bravo, A., Gill, S. S., & Soberón, M. (2007). Mode of action of *Bacillus thuringiensis* Cry and Cyt toxins and their potential for insect control. *Toxicon*, 49(4), 423-435.
- Butko, P. (2003). Cytolytic toxin Cyt1A and its mechanism of membrane damage: Data and hypotheses. *Applied and Environmental Microbiology*, 69(5), 2415-2422.
- Chang, C., Yu, Y. M., Dai, S. M., Law, S. K., & Gill, S. S. (1993). High-level *cryIVD* and *cytA* gene expression in *Bacillus thuringiensis* does not require the 20-kilodalton protein, and the coexpressed gene products are synergistic in their toxicity to mosquitoes. *Applied and Environmental Microbiology*, 59(3), 815-821.
- Cheong, H. & Gill, S. S. (1997). Cloning and Characterization of a Cytolytic and Mosquitocidal δ-Endotoxin from *Bacillus thuringiensis* subsp. *jegathesan*. *Applied and Environmental Microbiology*, 63(8), 3254-3260.
- Clements, A. N. (1992). *The Biology of Mosquitoes* (1 ed. Vol. 1): Chapman & Hall.
- Crickmore, N., Bone, E. J., Williams, J. A., & Ellar, D. J. (1995). Contribution of the individual components of the δ-endotoxin Crystal to the mosquitocidal activity of *Bacillus thuringiensis* subsp. *israelensis*. *Fems Microbiology Letters*, 131(3), 249-254.
- Crickmore, N., Zeigler, D. R., Feitelson, J., Schnepf, E., Rie, J. V., Lereclus, D., et al. (1998). Revision of the nomenclature for the *Bacillus thuringiensis* pesticidal crystal proteins. *Microbiology and Molecular Biology Reviews*, 62(3), 807-813.

- Crickmore, N., Zeigler, D. R., Feitelson, J., Schnepf, E., Rie, J. V., Lereclus, D., et al. (2010). *Bacillus thuringiensis* toxin nomenclature. from http://www.lifesci.sussex.ac.uk/Home/Neil_Crickmore/Bt
- Dean, D.H. (1984). Biochemical genetics of the bacterial insect-control agent *Bacillus thuringiensis*: Basic principles and prospects for genetic engineering. *Biotechnology and Genetic Engineering Reviews*, 2, 341-363.
- de Maagd, R. A., Bravo, A., Berry, C., Crickmore, N., & Schnepf, H. E. (2003). Structure, diversity, and evolution of protein toxins from spore-forming entomopathogenic bacteria. *Annual Review of Genetics*, 37(1), 409-433.
- Finney, D. J. (1971). *Probit Analysis* (3 ed.): Cambridge University Press.
- Goddard, J. (2008). *Infectious Diseases and Arthropods* (2 ed.): Humana.
- Goldberg, L. J. & Margalit, J. (1977). A bacterial spore demonstrating rapid larvicidal activity against *Anopheles sergentii*, *Uranotaema unguiculata*, *Culex univittatus*, *Aedes aegypti* and *Culex pipiens*. *Mosquito News*, 37, 355-358.
- Hemingway, J. & Ranson, H. (2000). Insecticide resistance in insect vectors of human disease. *Annual Review of Entomology*, 45(1), 371-391.
- Homola, J. (2006). *Surface Plasmon Resonance Based Sensors* (Vol. 4): Springer.
- Juárez-Pérez, V., Guerchicoff, A., Rubinstein, C., & Delécluse, A. (2002). Characterization of Cyt2Bc toxin from *Bacillus thuringiensis* subsp. *medellin*. *Applied and Environmental Microbiology*, 68(3), 1228-1231.
- Khasdan, V., Ben-Dov, E., Manasherob, R., Boussiba, S., & Zaritsky, A. (2001). Toxicity and synergism in transgenic *Escherichia coli* expressing four genes from *Bacillus thuringiensis* subsp. *israelensis*. *Environmental Microbiology*, 3(12), 798-806.
- Lemaux, P. (2008). Genetically engineered plants and foods: A Scientist's analysis of the issues. *Annual Review of Plant Biology*, 59, 771-812
- Li, J., Carroll, J., & Ellar, D. J. (1991). Crystal structure of insecticidal δ-endotoxin from *Bacillus thuringiensis* at 2.5 Å resolution. *Nature*, 353(6347), 815-821.

- Li, J., Koni, P. A., & Ellar, D. J. (1996). Structure of the mosquitocidal δ -endotoxin CytB from *Bacillus thuringiensis* sp. *kyushuensis* and Implications for membrane pore formation. *Journal of Molecular Biology*, 257(1), 129-152.
- Manceva, S. D., Pusztai-Carey, M., Russo, P. S., & Butko, P. (2005). A detergent-like mechanism of action of the cytolytic toxin Cyt1A from *Bacillus thuringiensis* var. *israelensis*. [doi: 10.1021/bi048493y]. *Biochemistry*, 44(2), 589-597.
- Papo, N. & Shai, Y. (2003). Exploring peptide membrane interaction using surface plasmon resonance: Differentiation between pore formation versus membrane disruption by lytic peptides. *Biochemistry*, 42(2), 458-466.
- Promdonkoy, B., Chewawiwat, N., Tanapongpipat, S., Luxananol, P., & Panyim, S. (2003). Cloning and characterization of a cytolytic and mosquito larvicidal δ -endotoxin from *Bacillus thuringiensis* subsp. *darmstadiensis*. *Current Microbiology*, 46(2), 94-98.
- Promdonkoy, B., Promdonkoy, P., & Panyim, S. (2005). Co-expression of *Bacillus thuringiensis* Cry4Ba and Cyt2Aa2 in *Escherichia coli* revealed high synergism against *Aedes aegypti* and *Culex quinquefasciatus* larvae. *Fems Microbiology Letters*, 252(1), 121-126.
- Schafroth, R. B. M. & Tudos, A. J. (2008). *Handbook of Surface Plasmon Resonance*: RSC Publishing.
- Schnepf, E. Crickmore, N. Van Rie, J. Lereclus, D. Baum, J. Feitelson, J., et al. (1998). *Bacillus thuringiensis* and its pesticidal crystal proteins. *Microbiology and Molecular Biology Reviews*, 62(3), 775-806.
- Shumaker-Parry, J. S. & Campbell, C. T. (2004). Quantitative methods for spatially resolved adsorption/desorption measurements in real time by surface plasmon resonance microscopy. *Analytical Chemistry*, 76(4), 907-917.
- Sushil, K. K. (2001). *Microbial Pest Control*: Marcel Dekker.
- Tabashnik, B. E. (1992). Evaluation of synergism among *Bacillus thuringiensis* toxins. *Applied and Environmental Microbiology*, 58(10), 3343-3346.

- Thomas, W. E. & Ellar, D. J. (1983). Mechanism of action of *Bacillus thuringiensis* var *israelensis* insecticidal δ-endotoxin. *FEBS Letters*, 154(2), 362-368.
- Vreysen, M. J. B., Robinson, A. S., & Hendrichs, J. (2007). *Area-Wide Control of Insect Pests: From Research to Field Implementation*: Springer.
- Wirth, M. C., Delécluse, A., Federici, B. A., & Walton, W. E. (1998). Variable cross-resistance to Cry11B from *Bacillus thuringiensis* subsp. *jegathesan* in *Culex quinquefasciatus* (Diptera: Culicidae) resistant to single or multiple Toxins of *Bacillus thuringiensis* subsp. *israelensis*. *Applied and Environmental Microbiology*, 64(11), 4174-4179.
- Wirth, M. C., Federici, B. A., & Walton, W. E. (2000). Cyt1A from *Bacillus thuringiensis* synergizes activity of *Bacillus sphaericus* against *Aedes aegypti* (Diptera: Culicidae). *Applied and Environmental Microbiology*, 66(3), 1093-1097.