บรรณานุกรม

1. Selitrennikoff, C. P. (2001) Antifungal Proteins, *Appl Environ Microbiol 67*, 2883–2894.
2. Songsiriritthigul, C., Lapboonrueng, S., Pechsrichuang, P., Pesatcha, P., and Yamabhai, M. (2010) Expression and characterization of Bacillus licheniformis chitinase (ChiA), suitable for bioconversion of chitin waste, *Bioresour Technol 101*, 4096-4103.
3. San-Lang, W., Shih, I.-L., Wang, C.-H., Tseng, K.-C., Chang, W.-T., Twu, Y.-K., Ro, J.-J., and Wang, C.-L. (2002) Production of antifungal compounds from chitin by Bacillus subtilis, *Enzyme Microb Technol 31*, 321-328.
4. Khoushab, F., and Yamabhai, M. (2010) Chitin Research Revisited, *Marine Drugs 8*, 1988-2012.
5. Neeraja, C., Anil, K., Purushotham, P., Suma, K., Sarma, P., Moerschbacher, B. M., and Podile, A. R. (2010) Biotechnological approaches to develop bacterial chitinases as a bioshield against fungal diseases of plants, *Crit Rev Biotechnol 30*, 231-241.
6. Kishimoto, K., Nishizawa, Y., Tabei, Y., Hibi, T., Nakajima, M., and Akutsu, K. (2002) Detailed analysis of rice chitinase gene expression in transgenic cucumber plants showing different levels of disease resistance to gray mold (Botrytis cinerea), *Plant Science 162*, 655-662.
7. Bhattacharya, D., Nagpure, A., and Gupta, R. K. (2007) Bacterial chitinases: properties and potential, *Crit Rev Biotechnol 27*, 21-28.
8. Yamabhai, M., Buranabanyat, B., Jaruseranee, N., and Songsiriritthigul, C. (2011) Efficient E. coli expression systems for the production of recombinant β-mannanases and other bacterial extracellular enzymes, *Bioengineered bugs 2*.
9. Hashimoto, M., Ikegami, T., Seino, S., Ohuchi, N., Fukada, H., Sugiyama, J., Shirakawa, M., and Watanabe, T. (2000) Expression and Characterization of the Chitin-Binding Domain of Chitinase A1 from Bacillus circulans WL-12, *Journal of Bacteriology 182*, 3045–3054.
10. Huang, C. J., and Chen, C. Y. (2005) High-level expression and characterization of two chitinases, ChiCH and ChiCW, of Bacillus cereus 28-9 in Escherichia coli, *Biochem Biophys Res Commun. 327*, 8-17.
11. Chang, W. T., Chen, C. S., and Wang, S. L. (2003) An antifungal chitinase produced by Bacillus cereus with shrimp and crab shell powder as a carbon source, *Curr Microbiol 47*, 102-108.
12. P. Jollès, and R.A.A. Muzzarelli (1999) *Chitin and Chitinases*, Birkhauser Verlag, Basel.
13. Tsujibo, H., Kubota, T., Yamamoto, M., Miyamoto, K., and Inamori, Y. (2003) Characterization of chitinase genes from an alkaliphilic actinomycete, Nocardiopsis prasina OPC-131, *Appl Environ Microbiol 69*, 894-900.
14. Karasuda, S., Tanaka, S., Kajihara, H., Yamamoto, Y., and Koga, D. (2003) Plant chitinase as a possible biocontrol agent for use instead of chemical fungicides, *Biosci Biotechnol Biochem 67*, 221-224.
15. Chernin, L. S., De la Fuente, L., Sobolev, V., Haran, S., Vorgias, C. E., Oppenheim, A. B., and Chet, I. (1997) Molecular cloning, structural analysis, and expression in Escherichia coli of a chitinase gene from Enterobacter agglomerans, *Appl Environ Microbiol 63*, 834-839.

16. Aam, B. B., Heggset, E. B., Norberg, A. L., SØrlie, M., Vårum, K. M., and Eijsink, V. G. H. (2010) Production of Chitooligosaccharides and Their Potential Applications in Medicine, *Mar Drugs 8*, 1482-1517.

17. Yamabhai, M., Emrat, S., Sukasem, S., Pesatcha, P., Jaruseranee, N., and Buranabanyat, B. (2008) Secretion of recombinant Bacillus hydrolytic enzymes using Escherichia coli expression systems, *J Biotechnol 133*, 50-57.

18. Rey, M. W., Ramaiya, P., Nelson, B. A., Brody-Karpin, S. D., Zaretsky, E. J., Tang, M., Lopez de Leon, A., Xiang, H., Gusti, V., Clausen, I. G., Olsen, P. B., Rasmussen, M. D., Andersen, J. T., Jorgensen, P. L., Larsen, T. S., Sorokin, A., Bolotin, A., Lapidus, A., Galleron, N., Ehrlich, S. D., and Berka, R. M. (2004) Complete genome sequence of the industrial bacterium Bacillus licheniformis and comparisons with closely related Bacillus species, *Genome Biol 5*, R77.

19. Songsiriritthigul, C., Pesatcha, P., Eijsink, V. G., and Yamabhai, M. (2009) Directed evolution of a Bacillus chitinase, *Biotechnol J 4*, 501-509.

20. Coutinho, P. M., and Henrissat, B., (Eds.) (1999) *Carbohydrate-active enzymes: an integrated database approach*, The Royal Society of Chemistry, Cambridge.