We have modified a baculovirus insecticide by inserting a gene encoding an insect-specific toxin so that it reduces survival time of infected insects and the amount of host plant damage. The virus can still produce polyhedra, making a realistic proposition for field use, where it should cause less crop damage than normal, unmodified baculovirus insecticides. □

Received 3 April; accepted 17 May 1991.

1. Cunningham, J. C. in *Microbial and Viral Insecticides* (ed. Kurstak, E.) 335–386 (Dekker, New York, 1982).
2. Entwistle, P. F. & Evans, H. F. in *Comprehensive Insect Physiology Biochemistry and Pharmacology* (eds Kerkut, G. A. & Gilbert, L. I.) 347–412 (Pergamon, Oxford, 1985).
3. Huber, J. in *The Biology of Baculoviruses II. Practical Applications for Insect Control* (eds Granados, R. R. & Federici, B. A.) 181–202 (CRC, Boca Raton, 1986).
4. Evans, H. F. & Entwistle, P. F. in *Epizootiology of Insect Diseases* (eds Fuxa, J. R. & Tanada, Y.) 257–322 (Wiley, New York, 1987).
5. Smith, G. E., Summers, M. D. & Fraser, M. J. *Molec. cell. Biol.* **3,** 2156–2165 (1983).
6. Pennock, G. D., Shoemaker, C. & Miller, L. K. *Molec. cell. Biol.* **4,** 399–406 (1984).
7. Carbonell, L. F., Hodge, M. R., Tomalski, M. D. & Miller, L. K. Gene **73,** 409–418 (1988).
8. Maeda, S. *Biochem. biophys. Res. Commun.* **165,** 1177–1183 (1989).
9. Merryweather, A. T. *et al. J. gen. Virol.* **71,** 1535–1544 (1990).
10. Martens, J. W. M. *et al. Appl. envir. Microbiol.* **56,** 2748–2754 (1990).
11. Hammock, B. D., Bonning, B. C., Possee, R. D., Hanzlik, T. N. & Maeda, S. *Nature* **344,** 458–461 (1990).
12. Zlotkin, E., Rochat, H., Kopeyan, C., Miranda, F. & Lissitzky, S. *Biochimie* **53,** 1073–1078 (1971).
13. Walther, C., Zlotkin, E. & Rathmeyer, W. *J. Insect Physiol.* **22,** 1187–1194 (1976).
14. Teitelbaum, Z., Lazarovici, P. & Zlotkin, E. *Insect Biochem.* **9,** 343–346 (1979).
15. Darbon, H., Zlotkin, E., Kopeyan, E., Van Rietschoten, J. & Rochat, H. *Int. J. Peptide Protein Res.* **20,** 320–330 (1982).
16. Bougis, P. E., Rochat, H. & Smith, L. A. *J. biol. Chem.* **264,** 19259–19265 (1989).
17. Zlotkin, E. *Insect Biochem.* **13,** 219–236 (1983).
18. de Dianous, S., Hourau, F. & Rochat, H. *Toxicon* **25,** 411–417 (1987).
19. Weyer, U., Knight, S. & Possee, R. D. *J. gen. Virol.* **71,** 1525–1534 (1990).
20. Whitford, M., Stewart, S., Kuzio, J. & Faulkner, P. *J. Virol.* **63,** 1393–1399 (1989).
21. Matsuura, Y., Possee, R. D., Overton, H. A. & Bishop, D. H. L. (1987). *J. gen. Virol.* **68,** 1233–1250.
22. Kunkel, T. A. *Proc. natn. Acad. Sci. U.S.A.* **83,** 488–492 (1985).
23. Livingstone, C. & Jones, I. *Nucleic Acid Res.* **17,** 2366 (1989).
24. Kitts, P. A., Ayres, D. & Possee, R. D. *Nucleic Acids Res.* **18,** 5667–5672 (1990).
25. Possee, R. D. *Virus Res.* **5,** 43–59 (1986).
26. Cook, R. F., Avery, R. J. & Dimmock, N. J. *Infect. Immunity* **25,** 396–402 (1977).
27. Finney, D. J. *Probit Analysis* 3rd edn (Cambridge University Press, UK, 1971).
28. Hughes, P. R. & Wood, H. A. *J. Invert. Pathol.* **37,** 154–159 (1981).
29. Hughes, P. R., van Beek, N. A. M. & Wood, H. A. *J. Invert. Pathol.* **48,** 187–192 (1986).
30. Harap, K. A., Payne, C. C. & Robertson, J. S. *Virology* **79,** 14–31 (1977).

CORRECTION

An explanation for the protective effect of the MHC class II I–E molecule in murine diabetes

Eva-Pia Reich, Robert S. Sherwin, Osami Kanagawa & Charles A. Janeway Jr

Nature **342,** 326–328 (1989)

A MAJOR finding in the above report in the 28 September 1989 issue was that cloned T-cell lines that could transfer insulitis to young irradiated recipient mice bore antigen receptors encoded by $V\beta5$ genes. We now have convincing data that the receptors are not encoded by $V\beta5$ genes. The original finding was based on samples of a monoclonal antibody specific for $V\beta5$. The specificity of this antibody has been validated in numerous studies. But several batches of this antibody produced after the paper was published failed to stain our cloned T-cells. We believe that the batch used in the experiments we reported contained a contaminant that led to spurious results. Recent molecular analyis shows that the β chains of the T-cell receptors in the clones of interest are encoded by $V\beta1$ genes. A detailed characterization of these receptors will be reported when the molecular analysis is completed. The other findings in the paper have been validated in multiple experiments, and we have no reason to doubt them. We deeply regret any negative effects this error may have had on research in this important area. □