

27. Van Dun, C. M. P., Overduin, B., Van vloten-Doting, L., and Bol, J. F. (1988) Transgenic tobacco expressing tobacco streak virus ormutated alfalfa mosaic virus coat protein gene does not cross-protect against alfalfa mosaic virus infection. *Virology* **164**, 383–389.
28. De Haan, P., Gielen, J. J. L., Prins, M., Wijkamp, M. G., Van Schepen, A., Peters, D., Van Grinsven, M. Q. J. M., and Goldbach, R. W. (1992) Characterisation of RNA-mediated resistance to tomato spotted wilt virus in transgenic tobacco plants. *Biotechnology* **10**, 1133–1137.
29. Prins, M., Ismayadi, C., De Graauw, W., De Haan, P., and Goldbach R. (1997) RNA-mediated resistance to tomato spotted wilt virus in transgenic tobacco plants expressing NSm gene sequences. *Plant Mol. Biol.* **33**, 235–243.
30. Goldbach, R. and De Haan, P. (1994) RNA viral Supergroups and the evolution of RNA viruses, in *The Evolutionary Biology of Viruses* (Morse, S. S., ed.), Raven, New York, pp. 105–119.
31. Deom, C. M., Lapidot, M., and Beachy, R. N. (1992) Plant virus movement proteins. *Cell* **69**, 221–224.
32. Osbourn, J. K., Watts, J. W., Beachy, R. N., and Wilson, T. M. A. (1989) Evidence that nucleocapsid disassembly and a later step in virus replication are inhibited in transgenic tobacco protoplasts expressing TMV coat protein. *Virology* **172**, 370–373.
33. Goldbach, R. and De Haan, P. (1993) Prospects of engineered forms of resistance against tomato spotted with virus. *Sem. Virol.* **4**, 381–387.
34. Bejarano, E. R., Day, A. G., Paranjape, V., and Lichtenstein, C. P. (1992) Antisense genes as tools to engineer virus-resistance in plants. *Biochem. Soc. Trans.* **20**, 757–761.
35. Kormelink, R., Storms, M., Van Lent, J., Peters, D., and Goldbach, R. (1994) Expression an subcellular localization of the NSm protein of tomato spotted wilt virus (TSWV), a putative viral movement protein. *Virology* **200**, 56–65.
36. Smith, H. A., Swaney, S. L., Parks, T. D., Wernsman, E. A., and Dougherty, W. G. (1994) Transgenic plant virus resistance mediated by untranslatable sense RNAs: expression, regulation and fate of nonessential RNAs. *Plant Cell* **6**, 1441–1453.
37. Lindbo, J. A., Silva-Rosales, L., Proebsting, W. M., and Dougherty, W. G. (1993) Induction of a highly specific antiviral state in transgenic plants: implications for regulation of gene expression and virus resistance. *Plant Cell* **5**, 1749–1759.
38. Bourque, J. E. (1995) Antisense strategies for genetic manipulations in plants. *Plant Sci.* **105**, 125–149.
39. Schiebel, W., Haas, B., Marikovic, S., Klanner, A., and Sanger, H. L. (1993) RNA-directed RNA polymerase from tomato leaves. II. catalytic *in vitro* properties. *J. Biol. Chem.* **268**, 11,858–11,867.
40. Dorssers, L. (1983) RNA-dependent RNA polymerases from cowpea mosaic virus-infected cowpea leaves. PhD Thesis, Wageningen Agricultural University, The Netherlands.
41. Van Blokland, R., Van der Geest, N., Mol, J. N. M., and Kooter, J. M. (1994) Transgene-mediated suppression of chalcone synthase expression in *Petunia hybrida* results from an increase in RNA turnover. *Plant J.* **6**, 861–877.