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## Books published

- Burnet, F. M. and Fenner, F. (1949) *The Production of Antibodies*, 49
- Fenner, F. and Ratcliffe, F. N. (1965) *Myxomatosis*, 88-89
- Fenner, F. (1968) *The Biology of Animal Viruses*, 92
- Fenner, F., McAuslan, B. R., Mims, C. A., Sambrook, J. F. and White, D. O. (1974). *The Biology of Animal Viruses*, 2nd Edition, 105-106
- Fenner, F. and White, D. O. (1970) *Medical Virology*, 104
- Fenner, F. and White, D. O. (1976). *Medical Virology*. 2nd Edition, 171
- White, D. O. and Fenner, F. (1986)

*Medical Virology*. 3rd Edition, 171

White, D. O. and Fenner, F. (1994)

*Medical Virology*, 4th Edition, 172

Fenner, F. (1976) *Classification and Nomenclature of Viruses*, 128

Fenner, F. and Rees, A. L. G. (eds)

(1980) *The Australian Academy of Science. The First Twentyfive Years*, 116

Fenner, F., Bachmann, P. A., Gibbs, E. P. G., Murphy, F. A., Studdert, M. J. and White, D. O. (1987) *Veterinary Virology*, 172

Fenner, F., Gibbs, E. P. G., Murphy, F. A., Rott, R., Studdert, M. J. and White, D. O. (1993) *Veterinary Virology*. 2nd Edition, 173

Fenner, F., Henderson, D. A., Arita, I., Jezek, Z. and Ladnyi, I. D. (1988) *Smallpox and its Eradication*, 163

Fenner, F. and Gibbs, A. J. (eds) (1988) *Portraits of Viruses. A History of Virology*, 171

Jezek, Z. and Fenner, F. (1988).

*Human Monkeypox. Monographs in Virology*, 169

Fenner, F., Wittek, R. and Dumbell, K. R. (1989) *The Orthopoxviruses*, 169

Fenner, F. (ed) (1990). *History of Microbiology in Australia*, 173-174

Fenner, F. (ed) (1995) *The Australian Academy of Science. The First Forty Years*, 117

Fenner, F. and Fantini, B. (1999) *Biological Control of Vertebrate Pests. A History of Myxomatosis; an Experiment in Coevolution*, 175

Fenner, F. and Curtis, D. (2001) *The John Curtin School of Medical Research. The First Fifty Years, 1948-1998*, 175-176

Fenner, F. (ed.) (2005). *The Australian Academy of Science. The First Fifty Years*, 117, 175

Fenner, F. (2006) *Nature, Nurture*

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