

Chapters in books:

1. R. Weil, **Gudmundur Pétursson**, J. Kára, H. Diggelmann: On the interaction of polyoma virus with the genetic apparatus of host cells. In: The molecular biology of viruses. Eds. J. S. Colter, W. Paranchych. pp. 593-626. Academic Press, N. Y., 1967.
2. **Guðmundur Pétursson**: Frá Tilraunastöðinni að Keldum. In: Mennt er máttur. pp. 168-178. Hlaðbúð h. f., Reykjavík, 1968.
3. **Gudmundur Pétursson**: Comment 1 Chapter 3. In: Slow virus infections of the central nervous system. Eds. V. ter Meulen, M. Katz. pp. 71-72. Springer - Verlag, N. Y., Heidelberg, Berlin, 1975.
4. N. Nathanson, A. A. Monjan, H. S. Panitch, E. D. Johnson, **Gudmundur Pétursson**, A. Cole: Virus - induced cell - mediated immunopathological disease. In: Viral immunology and immunopathology. Ed. A. L. Notkins. pp.???. Academic Press, N. Y., 1975.
5. Guðmundur Georgsson, N. Nathanson, Páll A. Pálsson, **Gudmundur Pétursson**: Pathology of visna and maedi in sheep. In: Slow virus diseases of animals and man. Ed. R. H. Kimberlin. pp. 61-96. N. Holland Publ. Co., N. Y., Amsterdam, 1976.
6. N. Nathanson, H. Panitch, **Gudmundur Pétursson**: Pathogenesis of visna: Review and speculations. In: Slow virus diseases of animals and man. Ed. R.H. Kimberlin. pp. 115-131. N. Holland Publ. Co., N. Y., Amsterdam, 1976.
7. **Gudmundur Pétursson**, J. R. Martin, Guðmundur Georgsson, N. Nathanson, Páll A. Pálsson: Visna, the biology of the agent and the disease. In: Aspects of slow and persistent virus infections. Ed. D. J. A. Tyrrell. Vol. 2 of New perspectives in clinical microbiology. Series ed. W. Brumfit. pp. 165-197. Martinus Nijhoff Publ., The Hague, Boston, London, 1979.
8. N. Nathanson, J. R. Martin, **Gudmundur Pétursson**, A. Monjan, H. Lipton: Experimental virus - induced immunopathology of the central nervous system. The Menarini series of immunopathology, Vol. 2. Ed. Peter A Miescher . pp.95-110. Schwabe & Co. Publ., Basel, 1979.
9. Gudmundur Georgsson, N. Nathanson, **Gudmundur Pétursson**, J. R. Martin, Páll A. Pálsson: The immunopathogenesis of visna. In: Animal models of neurological diseases. Eds. F. Clifford Rose, P. O. Behan. Progress in neurology series. pp. 378-389. Pitman Medical Ltd., 1980.
10. N. Nathanson, **Gudmundur Pétursson**, Gudmundur Georgsson, J. R. Martin, Páll A. Pálsson: Pathogenesis of visna, a slow virus infection of sheep. In: Search for the cause of multiple sclerosis and other chronic diseases of the central nervous system. First international symposium of the Hertie Foundation in Frankfurt / Main. Ed. A. Boese. pp. 184-188. Verlag Chemie, Weinheim, Deerfield Beach, Florida, Basel, 1980.
11. N. Nathanson, Guðmundur Georgsson, Roger E. Lutley, Páll A. Pálsson, **Gusmundur Pétursson**: Pathogenesis of visna in Icelandic sheep. In: Viruses and demyelinating diseases. Ed. C. A. Mims. pp. 111-124. Academic Press, London, 1983.

12. **Guðmundur Pétursson**, Páll A. Pálsson, Guðmundur Georgsson: Um eituráhrif af völdum Skaftárelda (*Toxic effects of the Lakagígir volcanic eruption*). In: Skaftáreldar 1783 - 1784. Ritgerðir og heimildir. pp. 81-97. Mál og menning, Reykjavík, 1984.
13. **Gudmundur Pétursson**, Bergljót Magnadóttir, Roger E. Lutley: Immunoglobulin subclass distribution and restriction of antibody response in visna. In: Slow viruses in sheep, goats and cattle. Eds. J. M. Sharp, R. Hoff - Jørgensen. pp. 211-216. Commission of the European Communities. Brussels, Luxembourg, 1985.
14. Guðmundur Georgsson, Páll A. Pálsson, **Gudmundur Pétursson**: Pathogenesis of visna. In: A multidisciplinary approach to myelin disease. Ed. G. Serlupi Crescenzi. pp. 303-318. Plenum Publ. Co., N. Y., London, 1987.
15. **Gudmundur Pétursson**, Páll A. Pálsson, Gudmundur Georgsson: Maedi - visna as a model for HIV infection. In: AIDS 89 - 90. News and views on research and control. Ed. G. de Thé. pp. 175-178. McGraw Hill, Paris, 1989.
16. **Gudmundur Pétursson**: Maedi - visna. Etiology and immune response. In: Maedi - visna and related diseases. Eds. **Gudmundur Pétursson**, R. Hoff - Jørgensen. In the series Developments in veterinary virology. Series ed. Y. Becker. pp. 55-74. Kluwer Academic Publ., Boston, Dordrecht, London, 1990.
17. **Gudmundur Pétursson**, Páll A. Pálsson, Gudmundur Georgsson: Maedi - visna. In: Viral infections of ruminants. Eds. Z. Dinter, B. Morein. Vol.3 of Virus infections of vertebrates. Series ed. M. C. Horzinek. pp.431-440. Elsevier Science Publ., Amsterdam, Oxford, N. Y., Tokyo, 1990.
18. **Gudmundur Pétursson**, Ólafur S. Andrésson, Gudmundur Georgsson: Visna. A lentiviral disease of sheep. In: Neuropathogenic viruses and immunity. Eds. S. Specter, M. Bendinelli, H. Friedman. in the series Infectious agents and pathogenesis. Series eds. M. Bendinelli, H. Friedman. pp. 63-78. Plenum Press, N. Y., London, 1992.
19. **Gudmundur Pétursson**, Valgerdur Andrésdóttir, Ólafur S. Andrésson, Gudmundur Georgsson, Páll A. Pálsson, Björg Rafnar, Sigurbjörg Torsteinsdóttir: Lentivirus diseases of sheep and goats: Maedi - visna and caprine arthritis - encephalitis. In: Progress in sheep and goat research. Ed. A. W. Speedy. pp.107-128. C. A. B. International, Wallingford, U.K., 1992.
20. **Guðmundur Pétursson**. Lífsskoðun efnishyggyjumanns. Kafli í : Af líkama og sál. Ritstj. og útg. Einar Logi Vignisson og Ólafur Páll Jónsson. Reykjavík 1992.