

Björn Sigurdsson, dr.med.

List of Publications

The titles of articles originally published in languages other than English have been translated and are so identified.

	Page
1. Sigurdsson B: An Investigation into an Outbreak of Typhoid Fever on Flatey Island During the Summer of 1936 (in Icelandic). Annual Report of the Surgeon General of Iceland 1936 (Ch.3): 169–179. . .	5–14
2. Sigurdsson B: An Investigation Into an Outbreak of Typhoid Fever on Flatey Island During the Summer of 1936. English translation of 1 (1989).	15–21
3. Sigurdsson B: Morphological Changes in Rabbit Lungs Produced by Repeated Injections of Fluid Through the Trachea. Acta Pathol Microbiol Scand 1940; 17: 22–31.	22–32
4. Sigurdsson B: A new method of in vitro culture of lung tissue (In German). Arch Exp Zellforsch 1940;24: 72–86.	33–48
5. Sigurdsson B: Antigenic Properties of Living Tissue Cells. Proc Soc Exp Biol Med 1940; 45: 237–242.	49–54
6. Sigurdsson B: On antibodies directed against living tissue cells (In Icelandic). Icel Med J 1940; 26: 129–138.	55–64
7. Sigurdsson B: Antiserum against viable cells (in Danish). Lecture (unpublished). Copenhagen, 1940.	65–69
8. Sigurdsson B: A New Method for Demonstrating Cyto-Antibodies in Vitro. Proc Soc Exp Biol Med 1942; 50: 62-66.	70–74
9. Sigurdsson B: Mammalian Red Cells as a Source of „Small Particles“. J Exp Med 1943; 77: 315–322.	75–82
10. Sigurdsson B: The Yield of Rabies Virus in the Chick Embryo. J Exp Med 1943; 78: 341–345.	83–87
11. Sigurdsson B: The Influence of Age of Host and Temperature of Incubation on Infection of the Chick Embryo with Vesicular Stomatitis Virus. J Exp Med 1943;78: 17–26.	88–97

12. **Sigurdsson B:** Effect of pH on Stability of Vesicular Stomatitis Virus.
Proc Soc Exp Biol Med 1943;52:254-255. 98-99
13. **Sigurdsson B, Skulason Th:** Viral pneumonia (In Icelandic).
Icel Med J 1943;29:39-42. 100-103
14. **Sigurdsson B:** Studies on the pathogenesis of encephalomyelitis
of mice, Theiler's disease. Princeton, NJ, 1944.
(Not previously published). 104-108
15. **Sigurdsson B, Vigfusson H, Theodorsdottir S:** The Serological
Diagnosis of Johne's Disease of Sheep.
J Comp Pathol Therap 1945; 55:268-276. 113-121
16. **Sigurdsson B:** A Specific Antigen Recovered from Tissue Infected
with M. Paratuberculosis (Johne's Bacillus)
J Immunol 1945; 51:279-290. 122-133
17. **Sigurdsson B:** A Specific Antigen Recovered from Tissue
Infected With M. Paratuberculosis (Johne's Bacillus), II. Studies
on the Nature of the Antigen and on Methods for Demasking it.
J Immunol 1946;53:127-135. 134-142
18. **Sigurdsson B:** A Specific Antigen Recovered from Tissue Infected with
M. Paratuberculosis (Johne's Bacillus), III. Further Studies on the
Nature of the Antigen and on Methods for Demasking it.
J Immunol 1947;55:131-139. 143-151
19. **Sigurdsson B:** A Specific Antigen Recovered from Tissue Infected with
M. Paratuberculosis (Johne's bacillus), IV. Studies on a Second,
Inhibiting Substance in the Infected Mucosa.
J Immunol 1947;57: 11-16. 152-157
20. **Sigurdsson B:** A Specific Antigen and a Specific Inhibitor in Sheep
Tissue Infected with M. Paratuberculosis (Johne's Bacillus).
**In: Report of Proceedings from the Fourth International
Congress for Microbiology,**
Copenhagen, 1947. Rosenkilde and Bagger 1949:351-352. 158-159
21. **Sigurdsson B, Tryggvadottir AG:** Immunization with Heat-Killed
Mycobacterium Paratuberculosis in Mineral Oil.
J Bacteriol 1949;58:271-278. 160-167
22. **Sigurdsson B, Tryggvadottir AG:** Immunization with Heat-Killed
Mycobacterium paratuberculosis in Mineral Oil, II.
J Bacteriol 1950;59:541-543. 168-170
23. **Sigurdsson B:** Vaccination Against Paratuberculosis (Johne's Disease).
J Immunol 1952,68:559-565 171-177
24. **Sigurdsson B:** Vaccination Against Paratuberculosis. In: **Atti del VI
Congresso Internazionale di Microbiologia,**
Roma, 6-12 Settembre 1953;6(XVII B): 184-188 178-182

25. **Sigurdsson B:** Immunological Studies on Paratuberculosis (Dissertation). Copenhagen, Denmark: University of Copenhagen, 1955. 183–210
26. **Sigurdsson B:** Report on a lecture tour to London and Copenhagen, February and March 1955 (In Icelandic). Submitted to Ministry of Education, March 23, 1955. 211
27. **Sigurdsson B:** Paratuberculosis of Sheep and Methods for Controlling it. In: **Control of Johne's Disease in Cattle, Sheep and Goats.** Paris: OEEC, 1956; IV:169–188. 212–231
28. **Sigurdsson B:** Immunological Problems in Paratuberculosis. **Bacteriol Rev** 1956; 20:1-13. 232–244
29. **Sigurdsson B:** Johne's Disease. **Vet Rec** 1957;69:316. 245
30. **Sigurdsson B:** A Killed Vaccine Against Paratuberculosis (Johne's Disease) in Sheep. **Am J Vet Res** 1960;21:54–67. 246–259
31. **Sigurdsson B:** A new test for paratuberculosis (In Icelandic). **Agric J (Freyr)** 1944; 39:20-22. 260–262
32. **Sigurdsson B:** Serum testing of sheep for paratuberculosis. Correlation with skin tests (In Icelandic). **Agric J (Freyr)** 1945;40:61–65. 263–267
33. **Sigurdsson B:** Paratuberculosis, a reply. **Agric J (Freyr)** 1950; 45:199. 267
34. **Sigurdsson B:** Paratuberculosis: A comment (In Icelandic). **Agric J (Freyr)** 1951;46:226–227. 268
35. **Sigurdsson B:** On vaccination against paratuberculosis (In Icelandic). **Agric J (Freyr)** 1951;46:320–322. 269–270
36. **Sigurdsson B:** Vaccination against paratuberculosis (In Icelandic). Radio broadcast, October 1951. (Not previously published). 271–273
37. **Sigurdsson B:** Vaccination against paratuberculosis (In Icelandic). **Agric J (Freyr)** 1952;47:215–227. 274–285
38. **Sigurdsson B:** Maedi, A Slow Progressive Pneumonia of Sheep: An Epizootological and a Pathological Study. **Brit Vet J** 1954;110:255–270. 292–309
39. **Sigurdsson B:** Paratuberculosis (Johne's Disease) of Sheep in Iceland. Immunological Studies and Observations on its Mode of Spread. **Brit Vet J** 1954;110:307–322. 310–325

40. **Sigurdsson B:** Rida, A Chronic Encephalitis of Sheep. With General Remarks on Infections which Develop Slowly and Some of Their Special Characteristics.
Brit Vet J 1954;110:341-354. 326-341
41. **Sigurdsson B, Grimsson H, Palsson PA:** Maedi, A Chronic Progressive Infection of Sheep's Lungs.
J Infect Dis 1952;90:233-241. 342-351
42. **Sigurdsson B, Palsson PA, Tryggvadottir A:** Transmission Experiments with Maedi.
J Infect Dis 1953;93:166-175. 352-361
43. **Sigurdsson B, Palsson PA, Grimsson H:** Visna, a Demyelinating Transmissible Disease of Sheep.
J Neuropathol Exp Neurol 1957; 16:389-403. 362-376
44. **Sigurdsson B, Palsson PA:** Visna of Sheep. A Slow Demyelinating Infection.
Br J Exp Pathol 1958;39:519-528. 377-388
45. **Palsson PA, Sigurdsson B:** Rida. A Slow Progressive Disease Affecting the Central Nervous System of Sheep (In Danish).
In: VIII Nordic Veterinary Congress. Vammala, Finland: Vammalan Kirjapaino Oy 1958; Section A (8). 389-401
46. **Sigurdsson B:** Atypical slowly progressive infectious diseases (In Icelandic).
Skirnir magazine 1958; 132:165-183. 402-420
47. **Sigurdsson B:** Adenomatosis of Sheep's Lungs. Experimental Transmission.
Arch Ges Virusforsch 1958;8:51-58. 421-428
48. **Sigurdsson B, Thormar H, Palsson PA:** Cultivation of Visna Virus in Tissue Culture.
Arch Ges Virusforsch 1960;10:368-381. 429-443
49. **Sigurdsson B, Karcher D, van Sande M, Lowenthal A:** Electrophoresis of Serum and CSF Proteins in Sheep Neurological Diseases.
In: Protides of the Biological Fluids, Proceedings of the 8th Colloquium, Bruges. Amsterdam: Elsevier 1960:110-111. 444-446
50. **Sigurdsson B, Palsson PA, van Bogaert L:** Pathology of Visna, Transmissible Demyelinating Disease in Sheep in Iceland.
Acta Neuropathol 1962;1:343-362. 447-466
51. **Sigurdsson B:** Atypically slow infectious diseases. In: **Extrait du Livre Jubilaire du Dr.Ludo van Bogaert.**
Acta Med Belg (Publ) 1962:738-753. 467-482
52. **Sigurdsson B:** On influenza virus (In Icelandic).
Icel Med J 1942;28:97-99. 487-489

53. **Bjarnason O, Sigurdsson B:** Observations on an outbreak of influenza in November and December 1943 (In Icelandic).
Icel Med J 1944; 29:145–149. 490–494
54. **Sigurdsson B:** Studies on Influenzal Infections in the Chick-Embryo.
J Immunol 1944;48:39–47. 495–503
55. **Sigurdsson B, Bjarnason O:** Immunological Studies on an Epidemic of Influenza in Iceland.
Am J Public Health 1946;36:130–134. 504–508
56. **Sigurdsson B, Thordarson OTh:** The influenza epidemic 1949 (In Icelandic).
Icel Med J 1950;35:59–63. 509–513
57. **Sigurjonsson J, Thordarson OTh, Sigurdsson B:** Vaccination of the student population during the 1951 influenza outbreak (In Icelandic).
Annual Report of the Surgeon General of Iceland 1950;(Ch.3):267–273. 514–518
58. **Sigurdsson B, Magnúsdóttir Th:** A Vaccination Experiment with Influenza Virus Employing Human Volunteers.
Report to the World Health Organization, February 1952. 519–534
59. **Sigurdsson B:** The Asian influenza 1957 and the development of a vaccine at Keldur (In Icelandic).
Radio broadcast, Nov. 19. 1957 (Not previously published). 535–537
60. **Sigurjonsson J, Sigurdsson B, Grimsson H:** Experience with Influenza Vaccination in Iceland 1957.
Bull WHO 1958;20:401–409. 538–546
61. **Sigurjonsson J, Sigurdsson B, Grimsson H:** The 1957 outbreak of Asian influenza: Vaccination results (In Icelandic).
Icel Med J 1960;44:55–65. 547–557
62. **Sigurdsson B, Sigurjonsson J:** Observations on an outbreak of „poliomyelitis“ in Akureyri during 1948. Report to the Surgeon General, March 1949 (In Icelandic).
Annual Report of the Surgeon General of Iceland 1948(Ch.III):221–232. 563–573
63. **Sigurdsson B, Sigurjonsson J, Sigurdsson JH, Thorkelsson J, Gudmundsson KR:** Akureyri disease, 1948–1949 (In Icelandic).
Icel Med J 1950;35:65–80. 574–589
64. **Sigurdsson B, Sigurjonsson J, Sigurdsson JH, Thorkelsson J, Gudmundsson KR:** A Disease Epidemic in Iceland Simulating Poliomyelitis.
Am J Hyg 1950;52:222–238. 590–606

65. **Sigurjonsson J, Sigurdsson B, Sigurdsson JH, Thorkelsson J, Gudmundsson KR:** Une maladie epidemique en Islande simulant la poliomyelite (In French).
Acta Psychiatr Neurol Scand 1951;26(1):67-90. 607-630
66. **Sigurdsson B, Gudmundson KR:** Clinical Findings Six Years After Outbreak of Akureyri Disease.
Lancet 1956;May 26:766-767. 631-635
67. **Sigurdsson B:** A New Clinical Entity?
Lancet 1956;July 14:98. 636
68. **Sigurdsson B:** Poliomyelitis and vaccinations against infectious diseases (In Icelandic).
Icel Med J 1951;36:25-26. 641
69. **Sigurdsson B:** Antibodies can prevent poliomyelitis (In Icelandic).
Icel Med J 1952;37:62-63. 642-643
70. **Sigurdsson B:** Antibodies against poliovirus among Icelanders (In Icelandic).
Icel Med J 1953;37:93-95. 644-646
71. **Sigurdsson B:** Determination of immunity against poliomyelitis (In Icelandic)
Annual Report of the Surgeon General of Iceland 1953 (Ch.3):183-186. 647-649
72. **Sigurdsson B:** Poliomyelitis in Iceland during 1953, 1954 and 1955. Report to the World Health Organization, June 1956 (Not previously published). 650-652
73. **Sigurdsson B:** Poliomyelitis and vaccination against it (In Icelandic).
Almanak Thjodvinafelagsins 1958;84:25-39. 653-667
74. **Sigurdsson B, Gudnadottir M, Petursson G:** Response to Poliomyelitis Vaccination.
Lancet 1958;February 15:370-371. 668-673
75. **Sigurdsson B:** Enteric Viruses Producing Disease Simulating Poliomyelitis (discussion). In: **Poliomyelitis. Papers and Discussions Presented at the Fourth International Poliomyelitis Conference, Geneva 1957.** Philadelphia, Montréal: J.B. Lippincott Company 1958;236,238. 674-675
76. **Thordarson OTh, Sigurdsson B, Grimsson H:** Pleurodynia (epidemic myalgia) and Coxsackie virus (In Icelandic).
Icel Med J 1952;37:17-37. 676-696

77. **Thordarson OTh, Sigurdsson B, Grimsson H:** Isolation of Coxsackie Virus from Patients with Epidemic Pleurodynia. **JAMA** 1953;152:814–815. 697–700
78. **Sigurdsson B:** Serum agglutinins against *Brucella abortus* in Icelandic cattle (In Icelandic). **Icel Med J** 1947;32:30–32. 705–707
79. **Sigurdsson B, Palsson PA:** Vaccinia in Kjalarnes district (In Icelandic). **Icel Med J** 1947;32:122–125. 708–711
80. **Sigurdsson B:** On the pathogenesis of infectious diseases (In Icelandic). Lecture to Eir Medical Society 1948 (Not previously published). 712–716
81. **Sigurdsson B:** Phenothiazine (In Icelandic). **Agric J (Freyr)** 1948;43:23–24 and 43:176–177. 717
82. **Sigurdsson B:** A drug against coccidiosis (In Icelandic). **Agric J (Freyr)** 1948;43:95. 718
83. **Sigurdsson B, Palsson PA:** A Disease of Icelandic Cattle Characterised by Sudden Death. **J Comp Pathol Therap** 1949;59:168–175. 719–726
84. **Sigurdsson B, Sigurdsson P:** *Leptospira icterohaemorrhagiae* among rats in Reykjavik (In Icelandic) **Icel Med J** 1950;35:90–92. 727–729
85. **Sigurdsson B:** Q-fever (In Icelandic). **Icel Med J** 1951;35:158–159. 730–731
86. **Palsson PA, Sigurdsson B, Henriksen K:** Ecchinococcosis on the retreat (In Icelandic). **Icel Med J** 1953; 38:1–13. 732–744
87. **Sigurdsson B.** Viral disease in Iceland (In Icelandic). **Icel Med J** 1954;38:81–93. 745–757
88. **Sigurdsson B.** Congenital deafness caused by German measles (In Icelandic). **Icel Med J** 1955;39:73–75. 757–759
89. **Sigurdsson B, Palsson PA:** Fluorosis of Farm Animals During the Hekla Eruption of 1947–1948. In: **The Eruption of Hekla 1947–1948. Reykjavik. Icelandic Science Society** 1957; III:1–12. 760–771
90. **Sigurdsson B:** Laboratory diagnosis of viral disease (In Icelandic). **Icel Med J** 1957;41:49–53. 772–776

91. **Sigurdsson B:** On the publication and distribution of scientific journals (In Icelandic).
Icel Med J 1941;27:61–64. 777–779
92. **Sigurdsson B:** Sulfadiazine as prophylaxis against scarlet fever (In Icelandic).
Icel Med J 1943;29:93–94. 780
93. **Sigurdsson B, Geirsson O:** The „Russian serum“ (In Icelandic).
Icel Med J 1946;31:75–77. 781–783
94. **Sigurdsson B:** Tinea pedis. (In Icelandic).
Icel Med J 1946;31:143. 784
95. **Sigurdsson B:** Results of overgenerous alimentation (In Icelandic).
Icel Med J 1947;32:79–80. 784–785
96. **Sigurdsson B:** J.R.M. Innes and L.Z. Saunders: Diseases of the Central Nervous System of Domesticated Animals and Comparisons with Human Neuropathology. *Advances in Vet. Science*, 1957, III, pp. 33–196. (Book review in Danish, not previously published). 786
97. **Sigurdsson B:** Recently discovered hormones with unexpected clinical potential. The 1950 Nobel Prize for Medicine (In Icelandic).
Öldin magazine 1951;1:22–23. 787–788
98. **Sigurdsson B:** Yellow fever. The 1951 Nobel Prize for Medicine (In Icelandic). (manuscript not previously published). 789–792
99. **Sigurdsson B:** Louis Pasteur remembered (In Icelandic).
Radio broadcast 1947 (Not previously published). 793–796
100. **Sigurdsson B:** Disease epidemics and society (In Icelandic).
Lecture 1949 (Not previously published). 797–806
101. **Sigurdsson B:** The scientific endeavor and its practical application (In Icelandic).
Mal og menning magazine 1944;5:113–123. 807–817
102. **Sigurdsson B:** A nation’s independence and the pursuit of knowledge. An essay on freedom (In Icelandic).
Helgafell magazine 1944;3:23–29. 818–824
103. **Sigurdsson B:** The future of scientific research in Iceland (In Icelandic).
Lecture 1959 (Not previously published). 825–829
104. **Sigurdsson B:** Letter to Halldor Thormar (in Icelandic).
September 15, 1959 (not previously published). 830