

brought to you by www.thebacteriophages.org and www.phage.org

Reference List

1. **Abedon, S. T.** 1990. Selection for lysis inhibition in bacteriophage. *J.Theor.Biol.* **146**:501-511.
2. **Abedon, S. T.** 1992. Lysis of lysis inhibited bacteriophage T4 infected cells. *J.Bacteriol.* **174**:8073-8080.
3. **Abedon, S. T.** 1994. Lysis and the interaction between free phages and infected cells, p. 397-405. *In* J. D. Karam (ed.), *The Molecular Biology of Bacteriophage T4*. ASM Press, Washington, DC.
4. **Abedon, S. T.** 1999. Bacteriophage T4 resistance to lysis-inhibition collapse. *Genet.Res.* **74**:1-11.
5. **Abedon, S. T., T. D. Herschler, and D. Stopar.** 2001. Bacteriophage latent-period evolution as a response to resource availability. *Appl.Environ.Microbiol.* **67**:4233-4241.
6. **Abedon, S. T., P. Hyman, and C. Thomas.** 2003. Experimental examination of bacteriophage latent-period evolution as a response to bacterial availability. *Appl.Environ.Microbiol.* **69**:7499-7506.
7. **Ackermann, H.-W.** 1997. Bacteriophage ecology, p. 335-339. *In* M. T. Martins, M. I. Z. Sato, J. M. Tiedje, L. C. N. Hagler, J. Döbereiner, and P. S. Sanchez (eds.), *Progress in Microbial Ecology (Proceedings of Seventh International Symposium on Microbial Ecology)*. Brazilian Society for Microbiology.
8. **Ackermann, H.-W. and M. S. DuBow.** 1987. *Viruses of Prokaryotes*. CRC Press, Boca Raton, Florida.
9. **Allison, G. E. and T. R. Klaenhammer.** 1998. Phage resistance mechanisms in lactic acid bacteria. *Int.Dairy J.* **8**:207-226.
10. **Anderson, E. S.** 1957. The relations of bacteriophages to bacterial ecology, p. 189-217. *In* R. E. O. Williams and C. C. Spicer (eds.), *Microbial Ecology*. Cambridge University Press, London.
11. **Ashelford, K. E., M. J. Day, and J. C. Fry.** 2003. Elevated abundance of bacteriophage infecting bacteria in soil. *Appl.Environ.Microbiol.* **69**:285-289.
12. **Barksdale, L. and S. B. Ardon.** 1974. Persisting bacteriophage infections, lysogeny, and phage conversions. *Ann.Rev.Microbiol.* **28**:265-299.

13. **Bergh, Ø., K. Y. Børsheim, G. Bratbak, and M. Heldal.** 1989. High abundance of viruses found in aquatic environments. *Nature (London)* **340**:467-468.
14. **Bohannon, B. J. M. and R. E. Lenski.** 1997. Effect of resource enrichment on a chemostat community of bacteria and bacteriophage. *Ecology* **78**:2303-2315.
15. **Bohannon, B. J. M. and R. E. Lenski.** 1999. Effect of prey heterogeneity on the response of a food chain to resource enrichment. *Am.Nat.* **153**:73-82.
16. **Bohannon, B. J. M. and R. E. Lenski.** 2000. Linking genetic change to community evolution: insights from studies of bacteria and bacteriophage. *Ecol.Lett.* **3**:362-377.
17. **Bohannon, B. J. M. and R. E. Lenski.** 2000. The relative importance of competition and predation varies with productivity in a model community. *Am.Nat.* **156**:329-340.
18. **Boucher, I. and S. Moineau.** 2001. Phages of *Lactococcus lactis*: an ecological and economical equilibrium. *Rec.Res.Dev. Virol.* **3**:243-256.
19. **Bratbak, G., T. F. Thingstad, and M. Heldal.** 1994. Viruses and the microbial loop. *Microb.Ecol.* **28**:209-221.
20. **Breitbart, M., F. Rohwer, and S. T. Abedon.** 2004. Phage ecology and bacterial pathogenesis, *In* M. Waldor, D. Friedman, and S. Adhya (eds.), *Phage: Role in Pathogenesis and Biotechnology*. ASM Press, Washington DC.
21. **Bremermann, H.-J.** 1983. Parasites at the origin of life. *J.Math.Biol.* **16**:165-180.
22. **Bull, J. J. and I. J. Molineux.** 1992. Molecular genetics of adaptation in an experimental model of cooperation. *Evolution* **46**:882-895.
23. **Bull, J. J., D. W. Pfening, and I.-W. Wang.** 2004. Genetic details, optimization and phage life histories. *Trends Ecol.Evol.* **19**:76-82.
24. **Burnet, F. M.** 1934. The bacteriophages. *Biol.Rev.Cambridge Phil.Soc.* **9**:332-350.
25. **Burroughs, N. J., P. Marsh, and E. M. H. Wellington.** 2000. Mathematical analysis of growth and interaction dynamics of streptomycetes and a bacteriophage in soil. *Appl.Enviro.Microbiol.* **66**:3868-3877.
26. **Campbell, A.** 1961. Conditions for the existence of bacteriophages. *Evolution* **15**:153-165.
27. **Chao, L.** 2000. The meaning of life. *BioScience* **50**:245-250.

28. **Chao, L., K. A. Hanley, C. L. Burch, C. Dahlberg, and P. E. Turner.** 2000. Kin selection and parasite evolution: Higher and lower virulence with hard and soft selection. *Q.Rev.Biol.* **75**:261-275.
29. **Chao, L., B. R. Levin, and F. M. Stewart.** 1977. A complex community in a simple habitat: An experimental study with bacteria and phage. *Ecology* **58**:369-378.
30. **Chopin, A., A. Bolotin, A. Sorokin, S. D. Ehrlich, and M. C. Chopin.** 2001. Analysis of six prophages in *Lactococcus lactis* IL1403: Different genetic structure of temperate and virulent phage populations. *Nucleic Acids Research* **29**:644-651.
31. **Conley, M. P. and W. B. Wood.** 1975. Bacteriophage T4 whiskers: A rudimentary environment-sensing device. *Proc.Natl.Acad.Sci.USA* **72**:3701-3705.
32. **Daniels, L. L. and A. C. Wais.** 1998. Virulence of phage populations infecting *Halobacterium cutirubrum*. *FEMS Microbiol.Ecol.* **25**:129-134.
33. **DeFilippis, V. R. and L. P. Villarreal.** 2000. An introduction to the evolutionary ecology of viruses, p. 125-208. *In* C. J. Hurst (ed.), *Viral Ecology*. Academic Press, San Diego.
34. **Delbrück, M.** 1942. Bacterial viruses (bacteriophages). *Adv.Enzymol.* **2**:1-32.
35. **Doermann, A. H.** 1948. Lysis and lysis inhibition with *Escherichia coli* bacteriophage. *J.Bacteriol.* **55**:257-275.
36. **Doermann, A. H.** 1952. The intracellular growth of bacteriophages. I. Liberation of intracellular bacteriophage T4 by premature lysis with another phage or with cyanide. *J.Gen.Physiol.* **35**:645-656.
37. **Douglas, J.** 1975. *Bacteriophages*, p. 77-133. Chapman and Hall, London.
38. **Fuhrman, J. A.** 1999. Marine viruses and their biogeochemical and ecological effects. *Nature (London)* **399**:541-548.
39. **Gill, J. J. and S. T. Abedon.** 2003. Bacteriophage ecology and plants. APSnet Feature <http://www.apsnet.org/online/feature/phages/>.
40. **Goodridge, L. and S. T. Abedon.** 2003. Bacteriophage biocontrol and bioprocessing: application of phage therapy to industry. *SIM News* **53**:254-262.
41. **Goyal, S. M., C. P. Gerba, and G. Bitton.** 1987. *Phage Ecology*. CRC Press, Boca Raton, Florida.

42. **Hadas, H., M. Einav, I. Fishov, and A. Zaritsky.** 1997. Bacteriophage T4 development depends on the physiology of its host *Escherichia coli*. *Microbiology* **143**:179-185.
43. **Hanlon, G. W., S. P. Denyer, C. J. Olliff, and L. J. Ibrahim.** 2001. Reduction in exopolysaccharide viscosity as an aid to bacteriophage penetration through *Pseudomonas aeruginosa* biofilms. *Appl. Environ. Microbiol.* **67**:2746-2753.
44. **Hendrix, R. W. and R. L. Duda.** 1992. Bacteriophage lamda PaPa: not the mother of all lambda phages. *Science* **258**:1145-1148.
45. **Hershey, A. D.** 1946. Mutation of bacteriophage with respect to type of plaque. *Genetics* **31**:620-640.
46. **Hurst, C. J. and H. D. A. Lindquist.** 2000. Defining the ecology of viruses, p. 3-40. *In* C. J. Hurst (ed.), *Viral Ecology*. Academic Press, San Diego.
47. **Koch, A. L.** 1964. The growth of viral plaques during the enlargement phase. *J. Theor. Biol.* **6**:413-431.
48. **Kuo, M. Y., M. K. Yang, W. P. Chen, and T. T. Kuo.** 2000. High-frequency interconversion of turbid and clear plaque strains of bacteriophage f1 and associated host cell death. *Can. J. Microbiol.* **46**:841-847.
49. **Kutter, E., E. Kellenberger, K. Carlson, S. Eddy, J. Neitzel, L. Messinger, J. North, and B. Guttman.** 1994. Effects of bacterial growth conditions and physiology on T4 infection, p. 406-418. *In* J. D. Karam (ed.), *The Molecular Biology of Bacteriophage T4*. ASM Press, Washington, DC.
50. **Lee, Y., S. D. Eisner, and J. Yin.** 1997. Antiserum inhibition of propagating viruses. *Biotech. Bioeng.* **55**:542-546.
51. **Lee, Y. and J. Yin.** 1996. Detection of evolving viruses. *Nat. Biotechnol.* **14**:491-493.
52. **Lee, Y. and J. Yin.** 1996. Imaging the propagation of viruses. *Biotech. Bioeng.* **52**:438-442.
53. **Lenski, R. E.** 1988. Dynamics of interactions between bacteria and virulent bacteriophage. *Adv. Microbial. Ecol.* **10**:1-44.
54. **Levin, B. R., F. M. Stewart, and L. Chao.** 1977. Resource limited growth, competition, and predation: A model and experimental studies with bacteria and bacteriophage. *Am. Nat.* **111**:3-24.
55. **Los, M., G. Wegrzyn, and P. Neubauer.** 2003. A role for bacteriophage T4 *rI* gene function in the control of phage development during pseudolysogeny and in slowly growing host cells. *Res. Microbiol.* **154**:547-552.

56. **Martin, E. L. and T. A. Kokjohn.** 1999. Cyanophages, p. 324-332. *In* A. Granoff and R. G. Webster (eds.), *Encyclopedia of Virology* second edition. Academic Press, San Diego.
57. **Middelboe, M.** 2000. Bacterial growth rate and marine virus–host dynamics. *Microb.Ecol.* **40**:114-124.
58. **Murray, A. G. and G. A. Jackson.** 1992. Viral dynamics: A model of the effects of size, shape, motion, and abundance of single-celled planktonic organisms and other particles. *Mar.Ecol.Prog.Ser.* **89**:103-116.
59. **Paul, J. H. and C. A. Kellogg.** 2000. Ecology of bacteriophages in nature, p. 211-246. *In* C. J. Hurst (ed.), *Viral Ecology*. Academic Press, San Diego.
60. **Paynter, M. J. B. and H. R. Bungay III.** 1971. Characterization of virulent bacteriophage infections of *Escherichia coli* in continuous culture. *Science* **172**:405.
61. **Rabinovitch, A., I. Aviram, and A. Zaritsky.** 2003. Bacterial debris—an ecological mechanism for coexistence of bacteria and their viruses. *J.Theor.Biol.* **224**:377-383.
62. **Sagik, B. P.** 1954. A specific reversible inhibition of bacteriophage T2. *J.Bacteriol.* **68**:430-436.
63. **Salivar, W. O., H. Tzagoloff, and D. Pratt.** 1964. Some physical-chemical and biological properties of the rod-shaped coliphage M13. *Virology* **24**:359-371.
64. **Sarma, T. A. and B. Kaur.** 1997. Characterization of host-range mutants of cyanophage N-1. *Acta Virol.* **41**:245-250.
65. **Schrag, S. and J. E. Mittler.** 1996. Host-parasite persistence: the role of spatial refuges in stabilizing bacteria-phage interactions. *Am.Nat.* **148**:348-347.
66. **Stent, G.** 1963. *Molecular Biology of Bacterial Viruses*. WH Freeman and Co., San Francisco, CA.
67. **Stewart, F. M. and B. R. Levin.** 1984. The population biology of bacterial viruses: Why be temperate. *Theor.Pop.Biol.* **26**:93-117.
68. **Suttle, C. A.** 2000. Cyanophages and their role in the ecology of cyanobacteria, p. 563-589. *In* B. A. Whitton and M. Potts (eds.), *The Ecology of Cyanobacteria: Their Diversity in Time and Space*. Kluwer Academic Publishers, Boston.
69. **Suttle, C. A.** 2000. The ecology, evolutionary and geochemical consequences of viral infection of cyanobacteria and eukaryotic algae, p. 248-286. *In* C. J. Hurst (ed.), *Viral Ecology*. Academic Press, New York.

70. **Suttle, C. A. and F. Chen.** 1992. Mechanisms and rates of decay of marine viruses in seawater. *Appl.Environ.Microbiol.* **58**:3721-3729.
71. **Thingstad, T. F.** 2000. Elements of a theory for the mechanisms controlling abundance, diversity, and biogeochemical role of lytic bacterial viruses in aquatic systems. *Limnol.Oceanogr.* **45**:1320-1328.
72. **Thingstad, T. F. and R. Lignell.** 1997. Theoretical models for control of bacterial growth rate, abundance, diversity and carbon demand. *Aquat.Microb.Ecol.* **13**:19-27.
73. **Webb, J. S., L. S. Thompson, S. James, T. Charlton, T. Tolker-Nielsen, B. Koch, M. Givskov, and S. Kjelleberg.** 2003. Cell death in *Pseudomonas aeruginosa* biofilm development. *J.Bacteriol.* **185**:4585-4592.
74. **Webb, V., E. Leduc, and G. B. Spiegelman.** 1982. Burst size of bacteriophage SP82 as a function of growth rate of its host *Bacillus subtilis*. *Can.J.Microbiol.* **28**:1277-1280.
75. **Wilkinson, M. H. F.** 2001. Predation in the presence of decoys: An inhibitory factor on pathogen control by bacteriophages or bdellovibrios in dense and diverse ecosystems. *J.Theor.Biol.* **208**:27-36.
76. **Williams, S. T., A. M. Mortimer, and L. Manchester.** 1987. Ecology of soil bacteriophages, p. 157-179. *In* S. M. Goyal, C. P. Gerba, and G. Bitton (eds.), *Phage Ecology*. John Wiley & Sons, New York.
77. **Wilson, G. S. and A. A. Miles.** 1946. The bacteriophage, p. 325-350. *In* Topley and Wilson's *Principles of Bacteriology and Immunity*. Williams and Wilkins, Baltimore.
78. **Wommack, K. E. and R. R. Colwell.** 2000. Virioplankton: viruses in aquatic ecosystems. *Microbiol.Mol.Biol.Rev.* **64**:69-114.
79. **Yin, J. and J. S. McCaskill.** 1992. Replication of viruses in a growing plaque: A reaction-diffusion model. *Biophys.J.* **61**:1540-1549.