

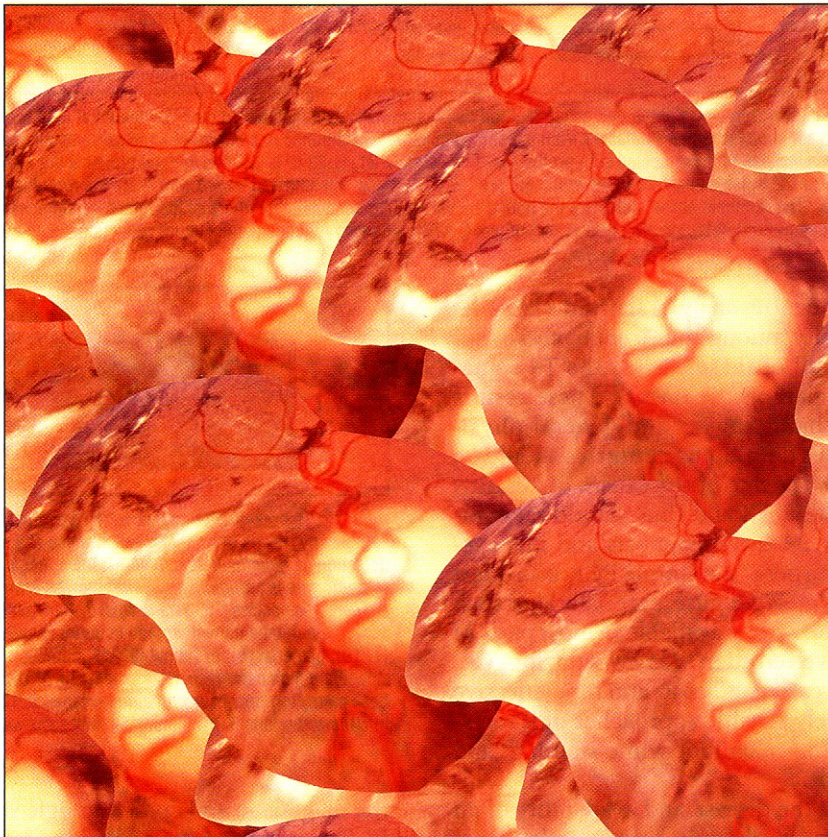
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REFERENCES

1. Stehr-Green JK, Baily TM, Visvesvara GS. The epidemiology of *Acanthamoeba* keratitis in the United States. *Am J Ophthalmol*. 1989;107:331-336.
2. Kanski JJ. *Acanthamoeba* keratitis: disorders of the cornea and sclera. In: Kanski JJ, ed. *Clinical Ophthalmology: A Systematic Approach*. 4th ed. Oxford, England: Butterworth Heinemann; 1999:94-156.
3. Adams AP, Schein OD. *Chlamydia and Acanthamoeba* infections of the eye. In: Albert DM, Jakobiec FA, eds. *Principles and Practice of Ophthalmology*. Vol 1. Philadelphia, Pa: WB Saunders Co; 1994:179-190.
4. Wilhelmus KR. Parasitic keratitis and conjunctivitis. In: Smolin G, Thoft RA, eds. *The Cornea*. 3rd ed. Boston, Mass: Little Brown & Co; 1994:253-262.
5. Sharma S, Garg P, Rao GN. Patient characteristics, diagnosis, and treatment of non-contact lens related *Acanthamoeba* keratitis. *Br J Ophthalmol*. 2000;84:1103-1108.
6. Stothard DR, Hay J, Schroeder-Diedrich JM, Seal DV, Byers TJ. Fluorescent oligonucleotide probes for clinical and environmental detection of *Acanthamoeba* and the T4 18S rRNA gene sequence type. *J Clin Microbiol*. 1999;37:2687-2693.
7. Gast RJ, Ledee DR, Fuerst PA, Byers TJ. Subgenus systematics of *Acanthamoeba*: four nuclear 18S rDNA sequence types. *J Eukaryot Microbiol*. 1996;43:498-504.
8. Schroeder JM, Booton GC, Hay J, et al. Use of subgenetic 18S ribosomal DNA PCR and sequencing for genus and genotype identification of *Acanthamoebae* from humans with keratitis and from sewage sludge. *J Clin Microbiol*. 2001;39:1903-1911.
9. Lai S, Asgari M, Henney HR Jr. Non-radioactive DNA probe and polymerase chain reaction procedures for the specific detection of *Acanthamoeba*. *Mol Cell Probes*. 1994;8:81-89.
10. Felsenstein J. Confidence limits on phylogenies: an approach using the bootstrap. *Evolution*. 1985;39:783-791.
11. Walochnik J, Obwaller A, Aspöck H. Correlation between morphological, molecular biological, and physiological characteristics in clinical and nonclinical isolates of *Acanthamoeba* spp. *Appl Environ Microbiol*. 2000;66:4408-4413.
12. Lehmann MO, Green SM, Morlet N, et al. Polymerase chain reaction analysis of corneal epithelial and tear samples in the diagnosis of *Acanthamoeba* keratitis. *Invest Ophthalmol Vis Sci*. 1998;39:1261-1265.



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