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# Acanthamoeba castellanii

National Cancer Institute

## Source

National Cancer Institute. *Acanthamoeba castellanii*. NCI Thesaurus. Code C119298.

A species of motile, unicellular eukaryotic amoebae within the family of Acanthamoebidae. *A. castellanii* is placed in morphological group II with a 18s rRNA gene sequence type of T4. Members of this group are characterized by the presence of wrinkled ectocysts and endocysts which could be stellate, polygonal, triangular, or oval. This species is a human pathogen and may cause granulomatous amoebic encephalitis and amoebic keratitis.