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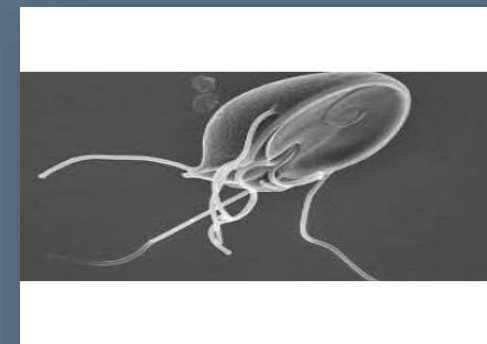
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Monocercomonadidae

The Monocercomonoides

Monocercomonoides is identified as an obligate eukaryotic microorganism with no mitochondria

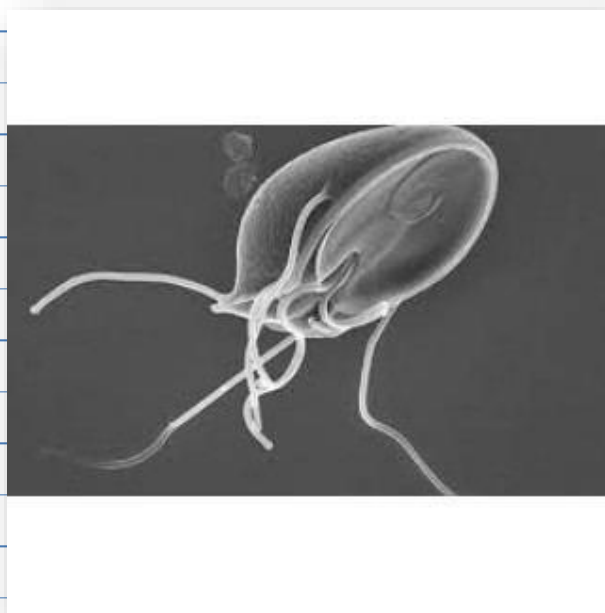
Eukaryote organisms have one or more cells with a nucleus and other organelles enclosed within membranes

Taxonomic Consideration

Domain: Eukarya
Phylum: Metamonada
Order: Oxymonadida
Family: Polymastigidae
Genus :Monocercomonoides

What is the cell structure of Monocercomonoides?

Monocercomonoides has a total of 4 whip-like structures used for movement known as flagella fixed to their cellular membrane with modified centrioles known as basal bodies



Where does Monocercomonoides found?

Monocercomonoides is generally found within the intestinal tracts of vertebrates insects, amphibians, reptiles, and some mammals

Name: _____

What is an Amphibian?

An amphibian is a cold-blooded animal that is born with gills and later develops lungs. Frogs, toads, newts and salamanders are amphibians.

Directions: Look at all the animal pictures. Circle the pictures that show amphibians.

A 5x4 grid of animal illustrations. The animals include: a lizard, a fish, a turtle, a colorful fish, a green frog, a green frog, a cow, a green frog, a green lizard, a green frog, a blue bird, a yellow dog, a green parrot, a yellow salamander, a ladybug, a green frog, a green lizard, a turtle, a green frog, and a yellow fish.

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Reptiles Name

Snake	Turtle	Crocodile	Lizard	Chameleon
Iguana	Skink	Tortoise	Green anole	Gila monster
Hylonomus	Gavial	Alligator	Gecko	Tajpan
Cobra	Tuatara	Varan	Boa	Viper
Adder	Kingsnake	Rattlesnake	Python	Worm lizard

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How can Monocercomonoides survive without mitochondria?

The organism uses enzymes in its cytoplasm to break down food and supply energy.

Is Monocercomonoidea pathogen?

Monocercomonoidea has not been documented as having pathogenic characters

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