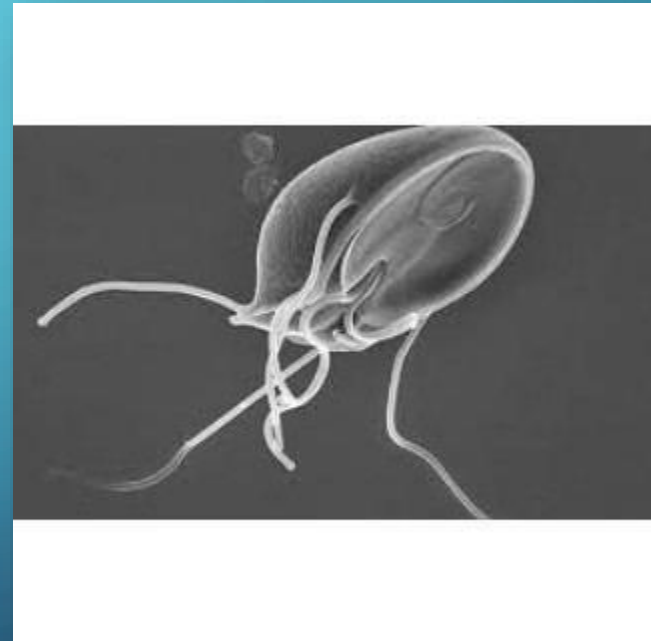


Monocercomonatidae



Taxonomic Consideration

Domain: Eukarya

Phylum: Metamonada

Order: Oxymonadida

Family: Polymastigidae

Genus: Monocercomonoides

The background is a blue gradient with decorative white circuit-like lines in the corners. These lines consist of straight segments and small circles, resembling a stylized electronic circuit or data flow diagram.

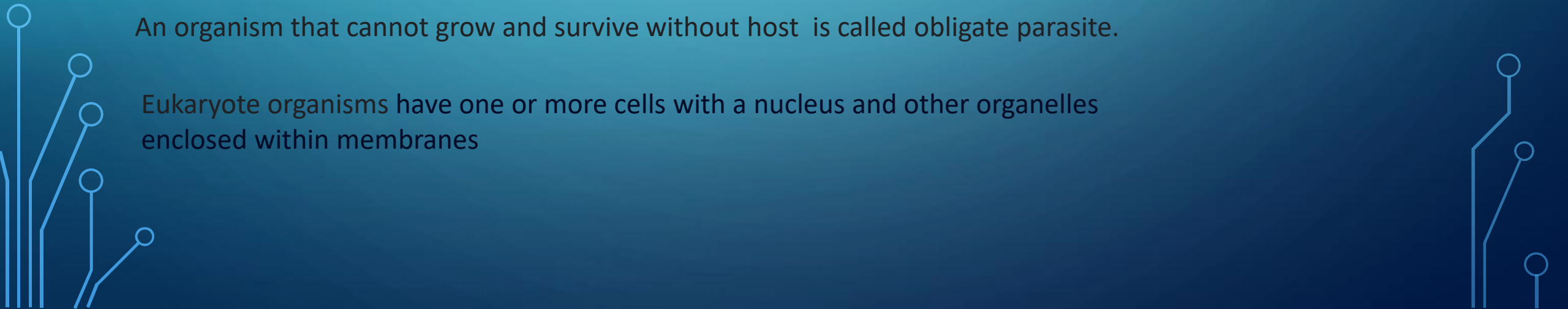
What is the Monocercomonoides?



Monocercomonoides is identified as an obligate eukaryotic microorganism with no mitochondria

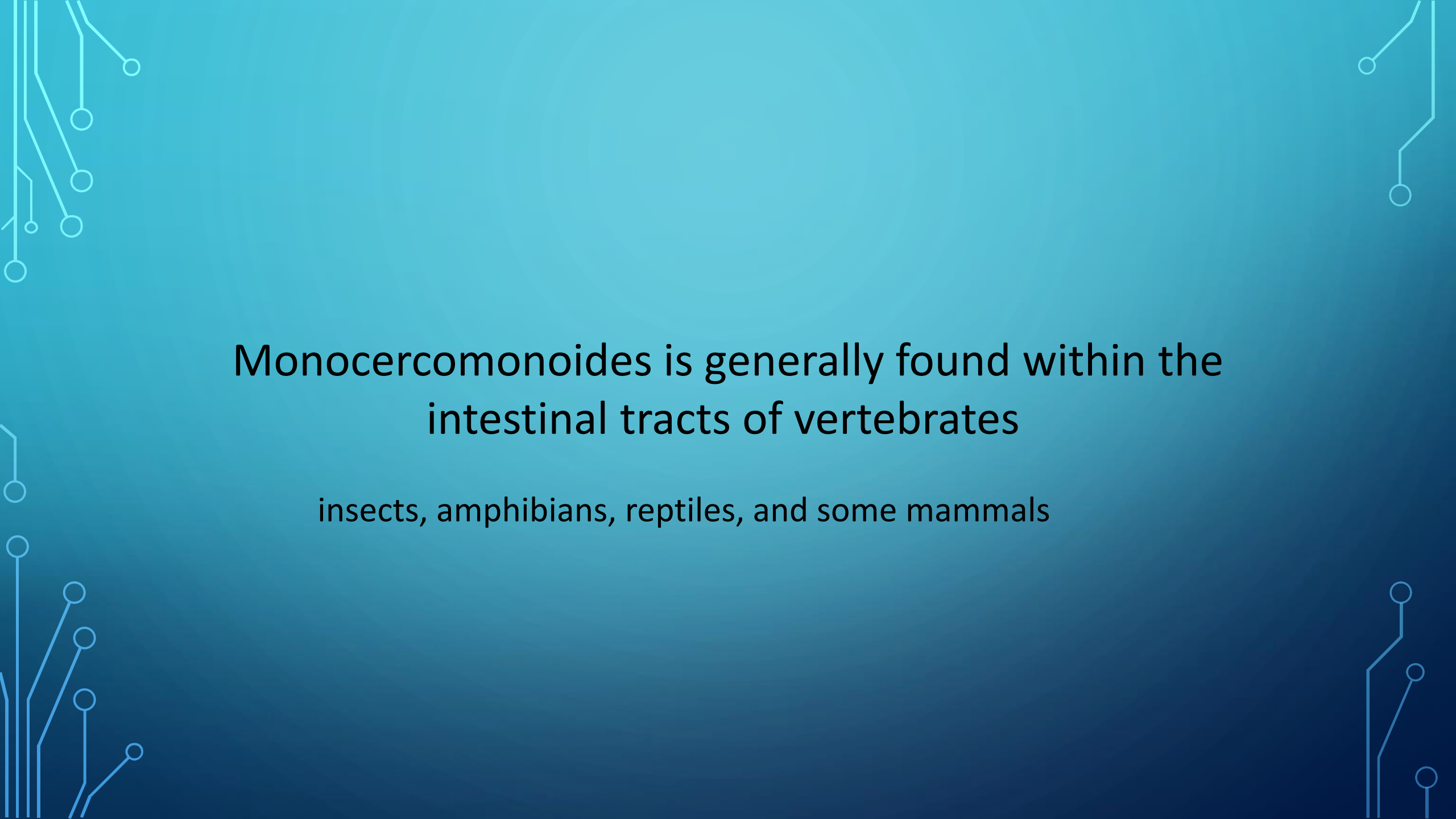
An organism that cannot grow and survive without host is called obligate parasite.

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



The background is a blue gradient. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines connecting to small circles.

Where does Monocercomonoides live?

The background is a blue gradient. In the corners, there are decorative white line art elements resembling circuit boards or neural networks, with lines and small circles.

Monocercomonoides is generally found within the
intestinal tracts of vertebrates

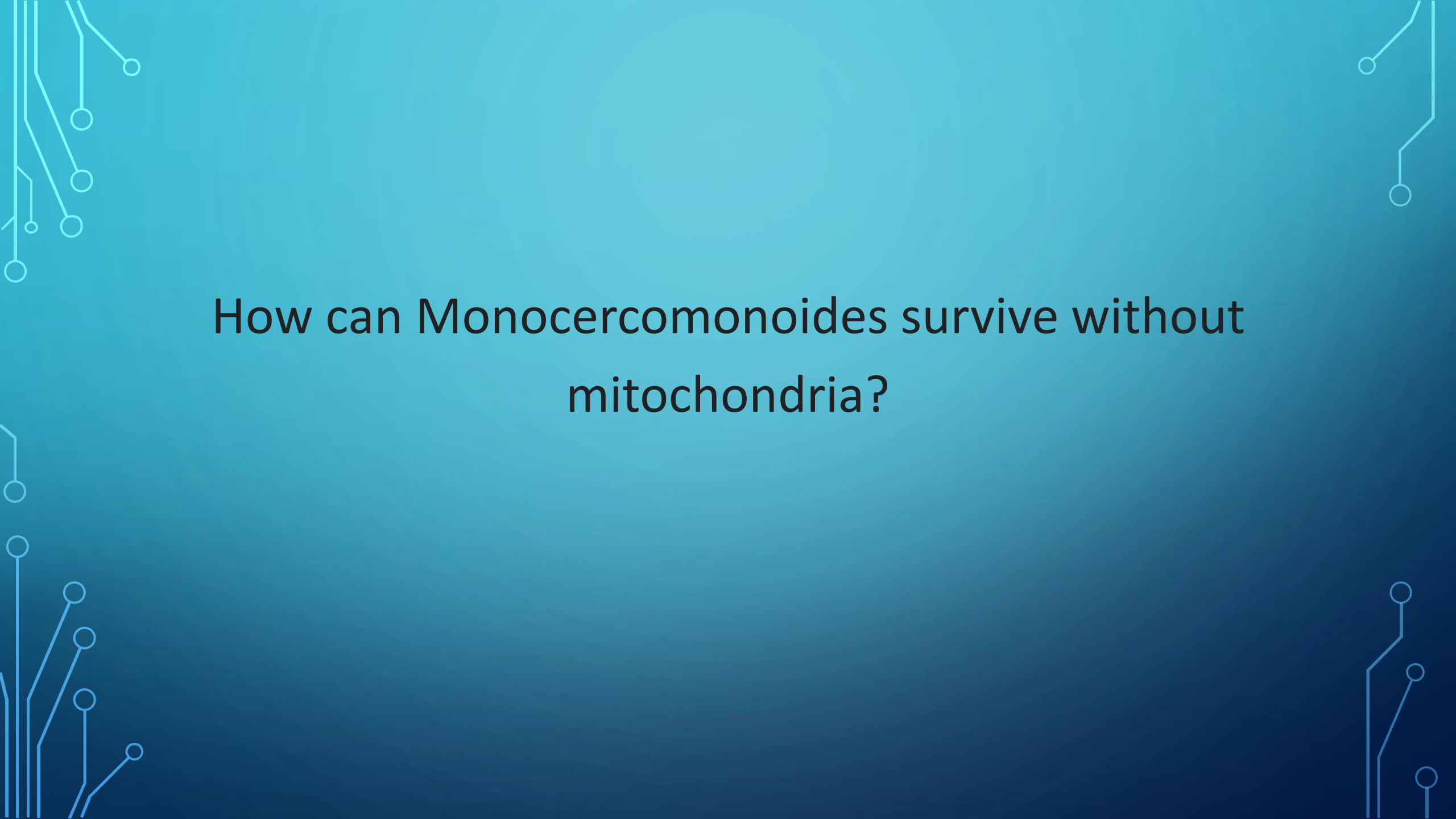
insects, amphibians, reptiles, and some mammals

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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



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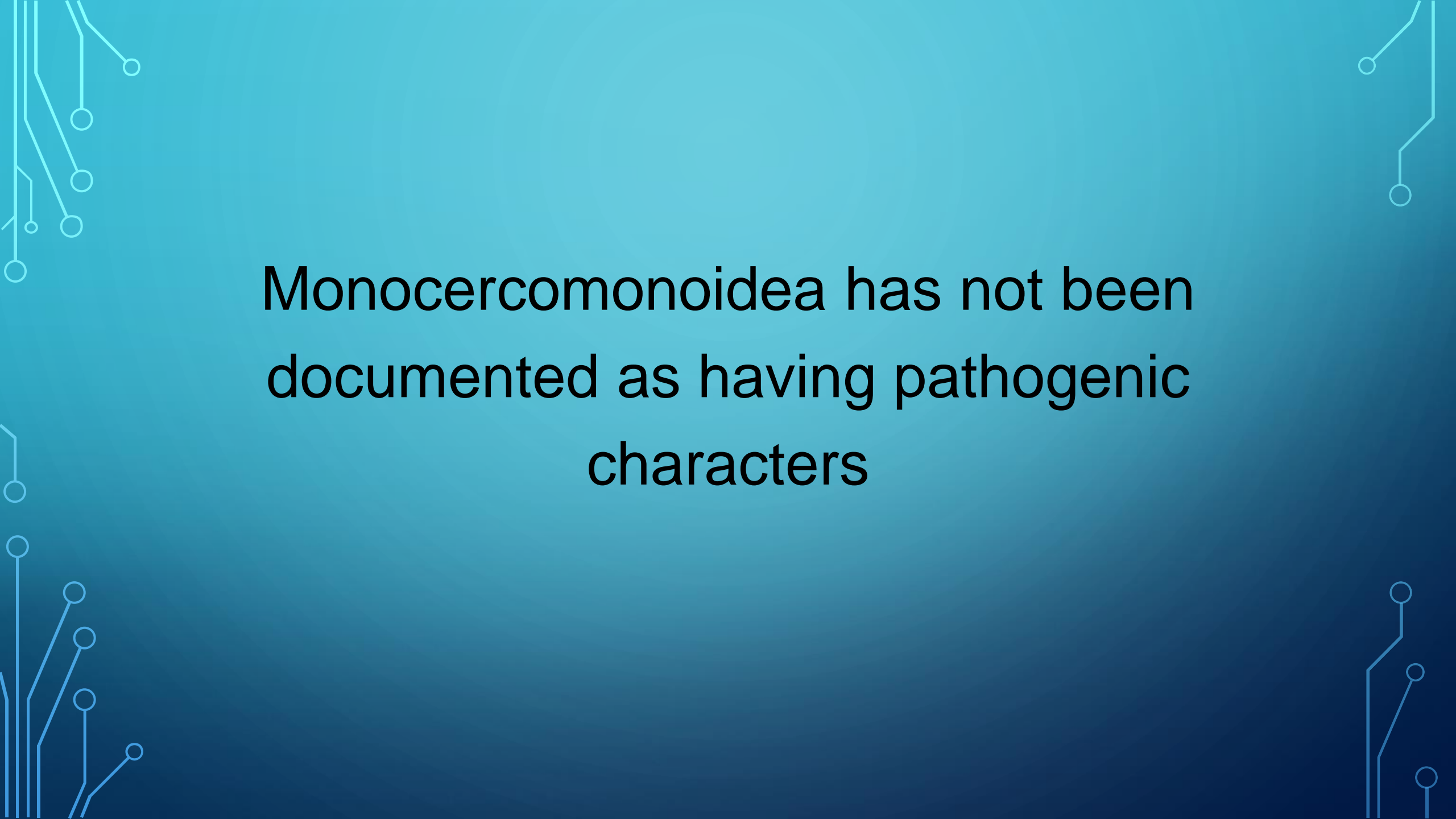
How can Monocercomonoides survive without
mitochondria?

The background is a blue gradient. In the corners, there are white line art designs resembling circuit boards or neural networks, with lines and small circles.

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

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Is Monocercomonoides pathogen?

The background is a blue gradient. In the corners, there are white line art illustrations of circuit boards or neural networks, with lines connecting to small circles.

Monocercomonoides has not been
documented as having pathogenic
characters