

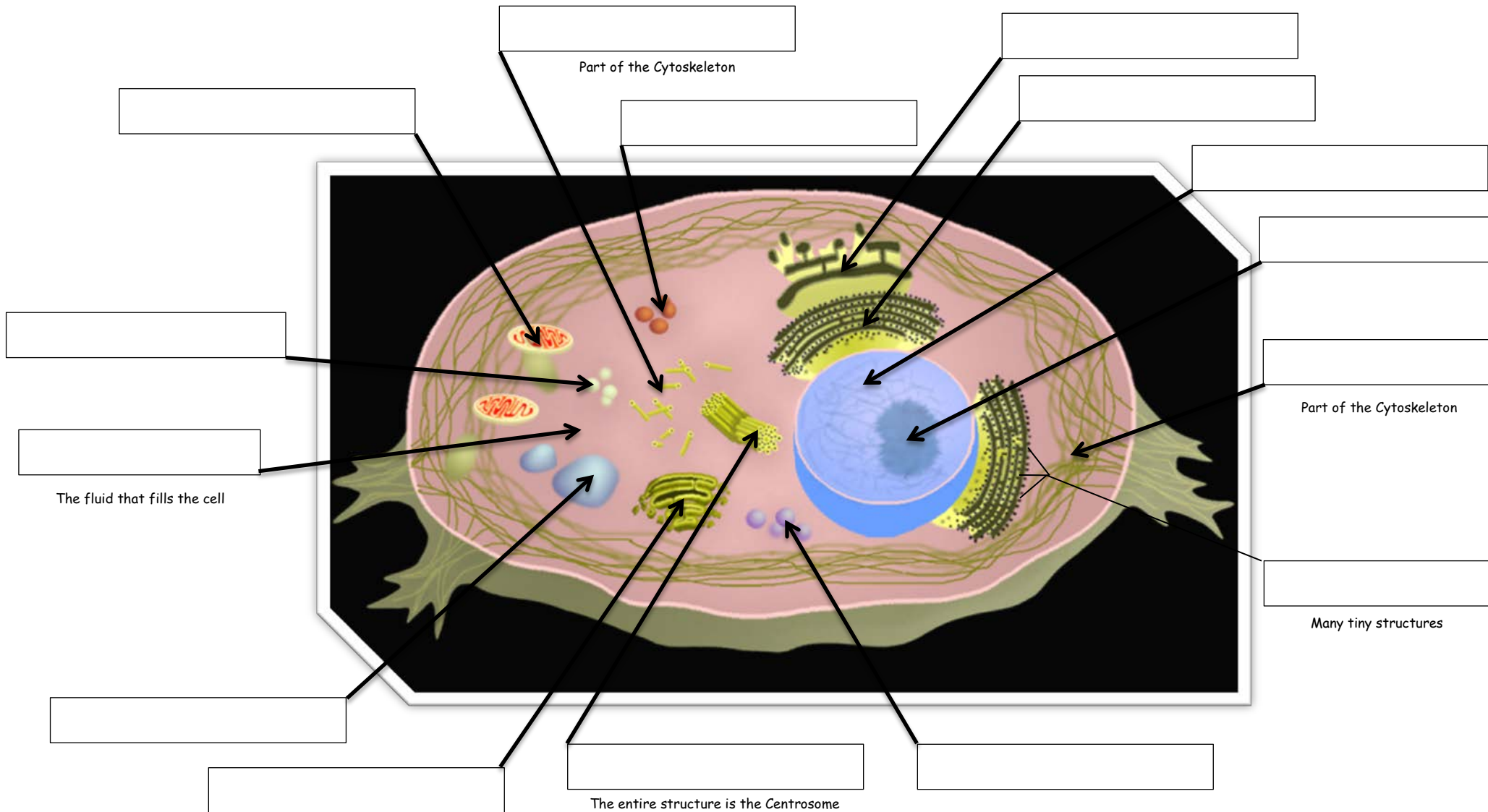
Interactive Cell Model

Choose Animal Cell

For an extra challenge:

Try the JIGSAW and WORD puzzles at
<http://www.cellsalive.com/puzzles/index.htm>

Part 1: Label the Organelles



Part 2: Match the Organelles to their function

____ Nucleus

____ Nucleolus

____ Cytosol

____ Centrosome

____ Centriole

____ Golgi Apparatus

____ Lysosome

____ Peroxisome

____ Secretory vesicle

____ Cell Membrane

____ Mitochondria

____ Vacuole

____ Smooth Endoplasmic Reticulum

____ Rough Endoplasmic Reticulum

____ Ribosomes

____ Cytoskeleton

A. Protects the cell from toxic hydrogen peroxide.

B. Contains enzymes needed to digest bacteria.

C. Stacks of vesicles that package molecules for transportation.

D. Smooth walled network of vesicles and tubules.

E. Contains ribosomes and transports proteins.

F. Organized network of filaments that help the cell keep its shape.

G. Double membrane which contains DNA.

H. Double layer that encloses the cell.

I. The sites of protein synthesis.

J. Mostly water and proteins. The liquid part of the cytoplasm.

K. The power centers of the cell.

L. Group of microtubules found within the centrosome.

M. Membrane sac used to release waste products.

N. Found within the nucleus. Produces ribosomes.

O. Package and transport cell secretions such as enzymes, etc.

P. The area where microtubules are produced.