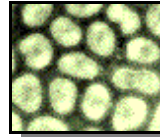


# MICROSCOPE IMAGES IN YOUR WORLD



First Ebola virus picture taken in 1976  
160,000 X magnification TEM image.

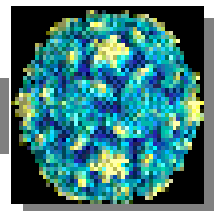


The common  
influenza virus.

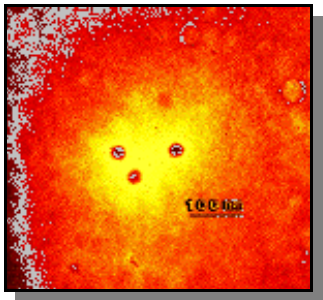


Hepatitis B virus as viewed in a  
TEM 100,000 times mag.

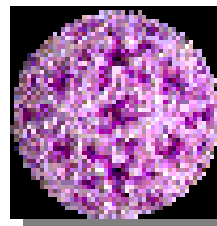
## VIRUSES THAT ATTACK US



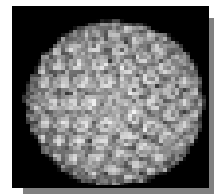
Polio Virus



coxsackie B virus



Molecular surface of  
Foot and Mouth  
Disease Virus



SEM Image  
of the herpes  
virus

The Transmission Electron microscope was the first electron microscope invented and is still one of the most powerful.

It has been very instrumental in the identification of virus.

All viruses have different shapes, sizes and characteristics. By identifying these criteria in the virus, doctors are able to effectively destroy or counter-act the virus.

One of the major problems in the war against viruses is that they keep changing in morphology, thus making it difficult to eliminate them totally.



This information is brought to you by the Microscopy Society of Southern Africa in the interest of  
furthering research, awareness and development of microscopy in the region.

Contact Alan Hall of the MSSA committee at +27 (0) 12 420 2075 for more information.  
web site: <http://www.microscopy.org.za>