Three-Dimensional Electron Microscopy at Molecular Resolution. The long-term mission of Dr. Subramaniam's research program focused on obtaining an integrated, quantitative understanding of cells and viruses at molecular resolution.

Electron microscope - Wikipedia

High-resolution electron microscopy covers both the practice and theory of atomic-resolution transmission electron microscopy (HRTEM). The long-term mission of Dr. Subramaniam's research program focused on obtaining an integrated, quantitative understanding of cells and viruses at molecular resolution.

Electron microscope - Wikipedia

HRTEM (high-resolution transmission electron microscopy) is a mode of TEM that allows for the direct imaging of the atomic structure of the sample.

Ultra-high Resolution Scanning Electron Microscope SU9000

The field emission scanning electron microscope (Hitachi SU4800 FE-SEM) offers excellent resolution (1.3nm at 1kV) and can operate at ultra low voltages (100-500 volts) to provide high-resolution imaging of sensitive samples.

High-resolution low-dose scanning transmission electron microscopy (HR-LD-STEM) is a technique that allows for the high-resolution imaging of biological samples with minimal radiation damage.

What is Electron Microscopy? - UMASS Medical School

High-resolution transmission electron microscopy is a technique that allows for the high-resolution imaging of biological samples with minimal radiation damage.

High-Resolution Electron Microscopy: John C. H. Spence...