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Cryo-Electron Microscopy

National Cancer Institute

Source

National Cancer Institute. *Cryo-Electron Microscopy*. NCI Thesaurus. Code C18113.

Electron microscopy involving an aqueous suspension of a sample which is applied in an extremely thin film to a grid, frozen in liquid nitrogen and maintained in this state by means of a special mount. The imaging of frozen-hydrated molecules and organelles permits the best possible resolution closest to the living state, free of chemical fixatives or stains.