

[Open Peer Review on Qeios](#)

Synchrotron

National Cancer Institute

Source

National Cancer Institute. *Synchrotron*. NCI Thesaurus. Code C48205.

A device that accelerates particles in a circular orbit at a fixed radius. The acceleration is performed in an increasing magnetic field by means of an alternating electric field applied in conjunction with the orbital motion. This device has been utilized to delineate the structure of proteins involved in a variety of cancers and diseases.