



Powering the Cell: Mitochondria

Together Harvard University and XVIVO developed this 3D animation journey for Harvard's undergraduate Molecular and Cellular Biology students about the microscopic world of mitochondria. The animation highlights the creation of Adenosine Triphosphate (ATP) -- mobile molecules which store chemical energy derived from the breakdown of carbon-based food. ATP molecules act as a kind of currency, imparting chemical energy to power all the functional components of cellular activity. This piece is the second in a series of award winning animations XVIVO is creating for Harvard's educational website BioVisions at Harvard. The first program, Inner Life of the Cell, received international acclaim and can be seen both on our website and the BioVisions site. Subido por XVIVOAnimation el 04/10/2010

➤ **Bideoa ikusi ondoren erantzun beheko galderai:**

1. Bideoaren hasieran zuntz itxurako elementu bat agertzen da, bi poro zeharkatzen ari dena. Zer izan daiteke elementu hori eta zein da ikusten dugun prozesu zelularra?

2. Mitokondrioaren barruan hodi itxurako egitura handiak ikusten dira. Zer dira?

3. Bideoaren azken partean mitokondrioaren barne-mintza ikusten da eta hor kokatuta dauden konplexu handiak, mugitzen ari direnak; zer dira elementu horiek eta zertarako mugitzen dira?

4. Oso distiratsu ikusten diren elementu txiki anitz, zer dira eta nora joango dira?