

bioenergetic processes of cyanobacteria pdf

Photosynthesis is a process used by plants and other organisms to convert light energy into chemical energy that can later be released to fuel the organisms' activities. This chemical energy is stored in carbohydrate molecules, such as sugars, which are synthesized from carbon dioxide and water – hence the name photosynthesis, from the Greek *phōs*, "light", and *synthesis*, ...

Photosynthesis - Wikipedia

The "nitrogen cycle" is the biogeochemical cycle by which nitrogen is converted into multiple chemical forms as it circulates among atmosphere, terrestrial, and marine ecosystems. The conversion of nitrogen can be carried out through both biological and physical processes. Important processes in the nitrogen cycle include fixation, ammonification, nitrification, and denitrification.

Nitrogen cycle - Wikipedia

Abiogenesis, or informally the origin of life, is the natural process by which life arises from non-living matter, such as simple organic compounds. The transition from non-living to living entities was not a single event, but a gradual process of increasing complexity that involved molecular self-replication, self-assembly, autocatalysis and cell membranes.

Abiogenesis - Wikipedia

Health effects Relation to diet. Although certain levels of antioxidant vitamins in the diet are required for good health, there is still considerable debate on whether antioxidant-rich foods or supplements have anti-disease activity. Moreover, if they are actually beneficial, it is unknown which antioxidants are health-promoting in the diet and in what amounts beyond typical dietary intake.

Antioxidant - Wikipedia

Summary of Invasiveness Top of page. *D. rostriformis bugensis* is a bivalve mollusc originating from the estuarine region of the rivers Dnieper and Southern Bug. The expansion of its range in Europe began only after 1940 and likely was associated with construction of interbasin canals and creation of impoundments along the large European rivers (see Orlova et al., 2005).

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