The aim of this paper is a poster composition for a heterocyclic compounds education. We would like to present an interdisciplinary character in heterocyclic chemistry teaching on primary and secondary schools.

Photosynthesis may be a good illustrative example:

Photosynthesis is a chain of chemical reactions occurring in chloroplasts (chlorophylls are a typical heterocyclic compounds composed from pyrrole), the microscopic organelles inside the green plant tissue. In the course of the photosynthesis, a plant uses the energy of sunlight and, from the molecules of carbon dioxide and water; it synthesizes glucose (a heterocycle), with oxygen being produced as a by-product. Photosynthesis is paramount importance for the life on the Earth because it releases oxygen and produces sugar which, either directly or indirectly, serves as a food for the majority of animals.

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