

Thematic course: Biodegradation as a method for waste processing. Part 1.

Biodegradation of xenobiotics

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Abstract

One of the most significant problems of modern civilization is waste processing. Among the ways of its solving is biodegradation method, which is the most natural and environmentally friendly way for the destruction of waste of the cities, industry and agriculture. This review is aimed at the elucidation of biodegradation possibilities, its strength and weakness and the reasons of biodegradation insufficient application at present. The review contains the description of a number of specific examples of biodegradation of various classes of substances, many of biodegradation methods have already become customary.