

Session 2
Applied Biological Research I

Introduction to Session 2

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This session deals with diverse biological approaches to the improved production of enzymes and other metabolic products. The papers cover the following topics:

1. Fermentation of xylose and other sugars in wood hydrolyzates to ethanol
2. Synergism of cellulase enzyme components in hydrolysis of cellulose
3. Genetic improvement of cellulase production
4. Glutamate production by marine cyanobacteria in a new bio-reactor
5. Production of oils by plants and tissue cultures by *Euphorbia* sp. and
6. Cloning of xylulokinase genes in yeasts

The variety of approaches and systems studied should be of interest to all specialists in biotechnology.