

J. Bolyó:

Poster title:

The optical monitoring of NAD(P)H of immobilized cells.

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Abstract:

The viability of immobilized cells was determined by monitoring of fluorescence intensities of biogenic fluorophores during aerobic-anaerobic transition. This technique has been applied for measurement of glycolytic oscillations of immobilized *Saccharomyces cerevisiae*. The changes of oscillations due to a presence of contaminants has been considered as novel approach in optical monitoring of environmental pollution.