

Aplikasi bioteknologi molekuler dalam budidaya perairan

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Abstrak

ABSTRACT

Aquaculture industry, as a promising solution for the decrease of natural brood stock as well as important part in people health and economics, has been growing rapidly. Biomolecular technologies are now used as a base for proper management of aquaculture program. Those technologies include breeding program with genetic maps, mono sex aquaculture program to maximize productions effectiveness, transgenic program, and pathogen early detection using bio molecular methods. It can be said that the modern aquaculture industry nowadays depends on the application of molecular biotechnology with supports from better aquaculture system management for product optimization.