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Recombinant DNA Technology: Hope for new Therapy

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ABSTRACT

Recombinant DNA technology is becoming feal of genetic engineering. The branch which deals with all kind of intervention related to drug targeting gene or drug capable of changing chromatin, many kinds of vaccine and serological products develop by recombinant DNA technology, which helps to fulfil the need to modify gene or genome. Techniques of recombinant DNA technology, gene therapy, and genetic modifications are also widely used for the purpose of bioremediation and treating serious diseases. Due to tremendous advancement and broad range of application in the field of recombinant DNA technology, this review article mainly focuses on its importance and the possible applications in daily life. The present review focus on the basic principle of recombinant DNA technology, the role of enzyme on various types of vectors and moreover the application of recombinant DNA technology.

Key Word: Recombinant, Enzyme, Deoxyribonucleic acid ,Gene, Engineering, Endo nucleus, Cloning

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