**Công nghệ gen (Genetic Engineering)**

(Cập nhật đến ngày 07/10/2022)

Công nghệ gen là gì? Trong tiếng Anh, công nghệ gen được gọi là Genetic Engineering. Ngoài ra, một số những khái niệm như Gene technology, genetic modification, gene technology cũng đều nói về kỹ thuật gen trong công nghệ sinh học hiện đại.

Nói một cách khái quát, công nghệ gen là quy trình tạo ra những tế bào hoặc sinh vật có gen bị biến đổi hoặc có thêm gen mới. Quá trình này liên quan đến việc con người sử dụng các kỹ thuật trong sinh học tác động và tạo ra các biến đổi trên vật liệu di truyền nhằm đáp ứng mục đích nào đó.

Ví dụ như mục đích chuyển gen từ một sinh vật này sang một sinh vật khác của một giống loài khác là để cho loài sau thừa hưởng những đặc tính tốt của loài trước, giúp tăng năng suất và hiệu quả của giống loài đó.



Để hiểu rõ hơn Cục Thông tin KH&CN quốc gia xin giới thiệu một số bài nghiên cứu đã được xuất bản chính thức và các bài viết được chấp nhận đăng trên những cơ sở dữ liệu học thuật chính thống.

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