

한국의 생물산업

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Abstract

This paper shows the definition of biotechnology industry and proposes the method to limit the boundary of the biotechnology industry. The biotechnology industry has a very wide range, so the distinction between bio industrial sector and non-bio-industrial sector is difficult.¹⁾ A lack of the correct understanding of the biotechnology industry can lead to the undesirable technological and industrial policy and inconsequential industrial statistics. By investigating the US industrial classification²⁾ and reviewing the domestic and foreign literatures and reports, I defined the biotechnology industry as the industry which applies new biotechnology³⁾ to solve problems and make products. Furthermore I tried to explain the correlation of biotechnology with conventional industries which are related to the biotechnology industry using the industrial statistics and technical patent data.

reference

1. 박정민, "바이오벤처 현황분석"(2000), 한국기술혁신학회 2000년 봄 정기학술대회, pp. 194-205
2. Ernst&Young Economics consulting and quantitative analysis, "The economic contributions of the biotechnology industry to the US economy"(2000), pp. 2-11
3. 한국산업은행 조사부, "2000년대 유망산업시리즈 - 생물산업"(2000), pp. 10-38