ABSTRACT
Biotechnology industry is a typical knowledge-oriented industry; the development of which involves technology, financing and management, all three constructs are emphatic of proficient human resources. Hence it is essential for any corporation engaged in such an industry to be equipped with an efficient and efficacious management mechanism that concurrently empowers knowledge innovation for the company to be competitive as well as to contribute to elevating overall human civilization and well-being. The purpose of the study was to investigate the correlation of Taiwan biotechnology industry's creative corporate governance and technical innovation, and further analyzed the manufacturing sector's innovative concentration, creative work environment and research and development management to determine if these elements influence production capacity, management capability and learning ability. The empirical findings revealed that: 1. Taiwan biotechnology industry's innovative concentration lay with product marketing and profitability, and the questionnaires showed reservation in the innovation segment, resulting in ambivalent survey findings; 2. Given the extensive scope of creative work environment, the correlation pertinent to technical creativity was also insignificant; 3. The segment on R&D activities informed significant difference with technical creativity, attributed to the industry's short product lifecycle and fierce market competition that dictate continuous product research and development to maintain profitability. Hence in technical resource integration in addition to solicit clients for joint development, technical alliances were employed to eliminate fumbling and maximize development expediency that made the format vital.

Keywords: Biotechnology Industry; Innovation Management Activity; Technical Innovation Ability


“Manufacture in the Nineties: How to Become a Mean Lean World Class Competitor,” Van Nostrand Reingold, pp. 6, 37.


