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Examining Proposed Amendments to the Human Biobank Management Act

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Abstract

Biobanks play a pivotal role in advancing precision medicine, especially given the rapid evolution of technology, the utilization of big data, and the development and integration of artificial intelligence in recent years. Several proposed amendments to the Human Biobank Management Act are poised to establish a robust legal framework for health data governance in Taiwan. This paper details an in-depth analysis of these amendments as well as existing regulations in the Human Biobank Management Act and provides recommendations to enhance governance processes for biobanks.

Keywords: biobanks, Human Biobank Management Act, National Biobank Consortium of Taiwan, genomic research, data governance


人體生物資料庫管理條例之修法芻議

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摘要

人體生物資料庫為發展精準醫療之基石，考量科技發展之快速變遷、大數據與人工智慧於醫療領域之應用，人體生物資料庫管理條例之修訂亦將引領我國健康資料治理法治之建立。本文將分析探討目前人體生物資料庫管理條例之重要修訂內容，亦盼能完善我國人體生物資料庫之相關治理規範。

關鍵詞：人體生物資料庫、人體生物資料庫管理條例、整合平台、基因研究、資料治理