The biological medicines or biopharmaceuticals, sometimes also called as the development of pharmaceuticals has revolutionized the approach of diseases treatment.CAR–T cell treatments for specific tumours and gene therapies for genetic disorders like spinal muscular atrophy are the well–known example (Arabi et al., 2022).In comparison to the conventional small–molecule medications, these innovative and novel treatments are developed from living things or their byproducts, such as nucleic acids, proteins, or cells, and they provide extremely well focused and specialized methods of treatments (Moorkens et al., 2016).Therapeutic proteins like insulin and human growth hormone can now be produced using Genetically engineered microorganisms or cell lines are utilized to produce the therapeutic protein like human growth regulator and insulin due to this groundbreaking discovery (Kumar, 2020).Stanley Cohen and Herbert Boyer laid the foundation for recombinant DNA technology in the 1970s and credited to start the biomedicine industry (Ferrer–Miralles et al., 2009).

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