

Biotechnology for green chemistry environmentally responsible

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In general, it is called green chemistry to the use of chemical technology to prevent contamination. However, green chemistry is also identified with the design of products or processes chemicals that reduce or eliminate the use or production of hazardous substances. Moreover, concept has been extended recently with the new concept of sustainable chemistry, also promotes the sustainable use of commodities. This paper discusses the present and future technological developments within the two major frameworks of action that cover green chemistry and the chemical industry the biotechnology industry. The traditional chemical industry must find solutions to produce cleaner, more sustainable and environmentally responsible. These solutions through process optimization, by the use of reagents and solvents are less polluting and recycling of products such as most important goals. This paper explores the new technologies offered by biotechnology, indicating its potential compared to the solutions currently implements the chemical sector more traditional.