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The front page cover art is from the article by Dr. Gautam Das

EDITORIAL

The theme of the flagship programme of Azadi ka Amrit Mahotsav of the Department of Pharmaceuticals was "Story of Pharma @75: Future Opportunities". The celebration of 'NIPER Week' comprised of lectures and seminars by eminent academicians and leaders from the industry, and NIPER alumni, as well as exhibitions highlighting NIPERs' niche areas. In his inaugural address, the Hon'ble Union Minister of Chemicals and Fertilizers and Health & Family Welfare, Dr. Mansukhbhai Mandaviya Jee had exhorted the NIPER community to frame the pharmaceutical road map for the next twenty five years so that goals to be achieved at 100 years of independence are set. The second issue of revived CRIPS has two articles by the speakers of this august gathering.

The article by Dr. Ved Srivastava from Global Peptide Science Institute, USA, on peptide-based pharmaceuticals lays special emphasis on the status of the industry in India and some probable measures that the Indian industry can adopt to move from a generics-driven to innovation-based unit. The author has discussed five pillars in pharmaceutical sector which can support an Atmanirbhar India. The importance of peptide therapeutics and its status in India have been described. The advantages that India enjoys and how these can be mobilized to build an innovative peptide pipeline in India have been highlighted.

The article by Dr. Gautam Das and his group at miBiome Therapeutics, India, discusses the birth and growth of the area of genomics and the enormous data trove generated by the Human Genome Project. The evolution of next generation sequencing, with advances in sequencing machinery and the concomitant plunging cost of genome sequencing, have been described. The authors have highlighted the use of this continually developing technology in microbial-pathogen analysis in tuberculosis, the use of genome surveillance in containing the spread of SARS CoV-2, cancer therapeutics, etc.

On behalf of the editorial team, I invite you all to read this edition and provide your valuable feedback.

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