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**Sommario/riassunto**

DNA vaccination is one of the most promising techniques for immunisation against diseases caused by viruses, protozoa, bacteria, and even for tumours and illnesses with genetic origins. These vaccines can be administered by direct inoculation of plasmid by several routes. In this book, the authors present topical research in the study of the types, advantages and limitations of DNA vaccines. Topics discussed include the role of novel carrier constructs in effective and safe DNA vaccine delivery; improving the immunogenicity of DNA vaccines; the

role of DNA-IL-12 vaccination in eosinophilic inflammation; genetic immunisation enabling re-direction of the host immune system resulting in the development of effective immune responses; and DNA vaccination against herpesvirus.

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