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| Titolo                  | Protein Therapeutics // edited by Zuben E. Sauna, Chava Kimchi-Sarfaty  |
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| Descrizione fisica      | 1 online resource (XIII, 182 p.)  |
| Collana                 | Topics in Medicinal Chemistry, , 1862-2461 ; ; 21   |
| Disciplina              | 615.19  |
| Soggetti                | Pharmaceutical chemistry<br>Biomedical engineering<br>Proteins<br>Medicinal Chemistry<br>Biomedical Engineering and Bioengineering<br>Protein Science   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.  |
| Nota di contenuto       | Protein Production in Eukaryotic Cells -- Production of Protein Therapeutics in the Quality by Design (QbD) Paradigm -- Characterization of Therapeutic Proteins -- Immunogenicity Lessons Learned from the Clinical Development of Vatreptacog Alfa, A Recombinant Activated Factor VII Analog, in Hemophilia with Inhibitors -- The Art of Gene Redesign and Recombinant Protein Production: Approaches and Perspectives.   |
| Sommario/riassunto      | Medicinal chemistry is both science and art. The science of medicinal chemistry offers mankind one of its best hopes for improving the quality of life. The art of medicinal chemistry continues to challenge its practitioners with the need for both intuition and experience to discover new drugs. Hence sharing the experience of drug research is uniquely beneficial to the field of medicinal chemistry. Drug research requires interdisciplinary team-work at the interface between chemistry, biology and medicine. Therefore, the topic-related series Topics in Medicinal Chemistry covers all relevant aspects of drug |

research, e.g. pathobiochemistry of diseases, identification and validation of (emerging) drug targets, structural biology, drugability of targets, drug design approaches, chemogenomics, synthetic chemistry including combinatorial methods, bioorganic chemistry, natural compounds, high-throughput screening, pharmacological in vitro and in vivo investigations, drug-receptor interactions on the molecular level, structure-activity relationships, drug absorption, distribution, metabolism, elimination, toxicology and pharmacogenomics. In general, special volumes are edited by well known guest editors.

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