Record Nr. UNINA9910254047703321 Novel Therapeutic Approaches to the Treatment of Parkinson's Disease **Titolo** : An Overview and Update / / edited by Corey R. Hopkins Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 3-319-39926-8 Edizione [1st ed. 2016.] 1 online resource (VII, 151 p. 20 illus., 10 illus. in color.) Descrizione fisica Collana Topics in Medicinal Chemistry, , 1862-2461; ; 18 Disciplina 616.83306 Soggetti Medicinal chemistry Medical biochemistry **Proteins** Molecular biology Neurochemistry Medicinal Chemistry Medical Biochemistry Receptors Molecular Medicine 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. Adenosine A2A Receptor Antagonists -- Targeting -Synuclein as a Nota di contenuto Parkinson's Disease Therapeutic -- Leucine-Rich Repeat Kinase 2 (LRRK2) Inhibitors. Medicinal chemistry is both science and art. The science of medicinal Sommario/riassunto 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.