Record Nr. UNINA9910631099403321 Pediatric cancer therapeutics development / / editors : Jorge DiMartino, **Titolo** Gregory H. Reaman, Franklin O. Smith Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2022] ©2022 **ISBN** 3-031-06357-0 Descrizione fisica 1 online resource (184 pages) Collana Pediatric oncology (Series) 616.994061 Disciplina Cancer - Chemotherapy Soggetti Cancer in children - Treatment Drug development Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Intro -- Contents -- 1: History of Drug Development for Children Nota di contenuto with Cancer -- 1.1 Introduction -- 1.2 Initial Progress -- 1.3 Rise of the Cancer Cooperative Groups -- 1.4 Impact of Regulation to Improve Safety and Efficacy Federal Laws Providing a Regulatory Framework for Drug Development in Children -- 1.5 Indications -- 1.6 Summary -- References -- 2: Targeted Small Molecule Drug Discovery -- 2.1 Introduction -- 2.2 Stage Gating -- 2.3 Phenotypic Drug Discovery -- 2.4 Target-Based Drug Discovery: Considerations for Target Selection/Identification -- 2.5 Target-Based Drug Discovery: Identifying Chemical Starting Points -- 2.6 Hit-to-Lead --2.7 Lead Optimization -- 2.8 Candidate Nomination -- References --3: An FDA Oncology Perspective of Juvenile Toxicity Studies to Support

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