1. Record Nr. UNINA9910797368903321 Autore Vives Joaquim Titolo Guide to cell therapy GxP: quality standards in the development of cell-based medicines in non-pharmaceutical environments / / Joaquim Vives, Gloria Carmona Amsterdam, Netherlands:,: Academic Press,, 2016 Pubbl/distr/stampa ©2016 **ISBN** 0-12-803116-6 Descrizione fisica 1 online resource (279 p.) Disciplina 616.0277 Soggetti Cellular therapy Blood - Transfusion, Autologous - Treatment Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Nota di contenuto Front Cover; Guide to Cell Therapy GxP; Copyright; Contents; List of Contributors; Foreword; Preface; 1 - Overview of the Development Program of a Cell-Based Medicine; 1. Introduction; 2. Key Pharmaceutical Factors to Consider in Early Development Stages; 3. TPP: Beginning with the End in Mind; 4. Stages of Drug Development; 5. Considering Stakeholders; 6. Product Lifecycle and Portfolio Management: 7. Performance Management and the Check Point Value: 8. Conclusions; References; Glossary; List of Acronyms and **Abbreviations** 1. Introduction2. Types of Cell-Based Advanced Therapy Medicinal Products and their Safety Considerations; 3. Regulations and Nonclinical Studies; 4. Nonclinical Assessment-The Risk-Based Approach: 5. The Requirement for Good Laboratory Practice: 6. General Study Design Considerations; 7. Specific Nonclinical Safety Considerations; 8. Conclusions; References; Glossary; List of Acronyms and Abbreviations: 4 - Good Manufacturing Practice Compliance in the Manufacture of Cell-Based Medicines; 1. Outline of the Chapter; 2. Quality Management; 3. Documentation; 4. Qualification and Validation 5. Premises and Equipment6. Personnel and Hygiene; 7. Manufacturing;

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Sommario/riassunto

Guide to Cell Therapy GxP: Quality Standards in the Development of Cell-Based Medicines in Non-Pharmaceutical Environments provides a practical guide to the implementation of quality assurance systems for successful performance of all cell-based clinical trials. The book includes all information that should be used in investigational medicinal product dossier (IMPD), the launching point for any clinical investigation, and beyond, bridging the gap in knowledge with the inclusion of examples of design of GLP-compliant preclinical studies, design of bioprocesses for autologous/allogeneic thera