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Specification on general descriptors for cell-line resources

实验细胞资源共性描述规范

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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Introduction

Experimental cells are important strategic resources and basic experimental materials that support biomedical technological innovation: The Ministry of Science and Technology and the Ministry of Finance approved the The construction of a national science and technology platform continues to support the standardized collection, preservation and sharing services of experimental cells in China:

According to the "Management Measures for the National Science and Technology Resource Sharing Service Platform" and the deployment of standardization work for the construction of the national science and technology platform, in order to better Give full play to the service support effectiveness of experimental cell resources for innovation in the field of basic cutting-edge science and technology, based on the long-term management and sharing of experimental cell resources Based on practical experience, we will carry out standardization work for the description of experimental cell resources:

This file is the specific core metadata description of experimental cell resources in the resource description category of the national science and technology platform standardization system: The main content of the file is The body object is the experimental

cell resource: This document stipulates unified common description items and description methods for experimental cell resources: The preparation of this document will Further promote the standardized and scientific management of experimental cell resources, prevent the use of unqualified experimental cells, and improve the quality and quality of experimental cell resources:

Utilize efficiency to promote the promotion and application of experimental cell resources:

Common description specifications for experimental cell resources

1 Scope

This document specifies the basic information, detailed information, quality inspection information and shared service information required for the common description of experimental cell resources: Item, description method:

This document is applicable to the collection and organization of experimental cell resources, the formulation of quality control specifications, and the development of databases and information sharing network systems: Establish:

2 Normative reference documents

GB/T 2260

GB/T 7408

GB/T 13745

GB/T 32843

GB/T 40365

3 Terms and definitions, abbreviations

3:1 Terms and definitions The following terms and definitions apply to this document: 3:1:1

Experimental cell cel-line Artificially cultured living cells derived from various tissues and organs of humans and other animals and cells derived and cultured therefrom, excluding therapeutic use cell: 3:1:2 Experimental cell resource cel-lineresource Experimental cells that have undergone comprehensive identification and quality analysis to prove that they have clear origins, no external microbial contamination, clear identities and corresponding functions:

Cells are a model for the study of this type of cells and related diseases: 3:1:3 Cell passage number passagenumber When culturing cells in vitro, cells in an adherent state proliferate close to filling the bottom area of the entire culture container or cells in a suspended state proliferate: