

1. Record Nr.	UNINA9910136767603321
Titolo	ANSI/ IEEE C62.1-1981 (Revision of IEEE Std 28-1974 and ANSI C62.1-1975) : IEEE Standard for Surge Arresters for AC Power Circuits / / IEEE
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 1981
ISBN	1-5044-0519-6
Descrizione fisica	1 online resource
Disciplina	621.317
Soggetti	Power electronics Electric circuits - Direct current
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This standard applies to surge-protective devices designed for repeated limiting of voltage surges on 50 Hz or 60 Hz power circuits by passing surge discharge current and subsequently automatically interrupting the flow of follow current. This standard applies to devices for separate mounting and to those supplied integrally with other equipment.

2. Record Nr.	UNINA9910557113303321
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Titolo	Adipose-Derived Stromal/Stem Cells
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (286 p.)
Soggetti	Medicine and Nursing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Adipose tissue is a rich, ubiquitous, and easily accessible source for multipotent mesenchymal stromal/stem cells (MSCs), so-called adipose-derived stromal/stem cells (ASCs). Primary isolated ASCs are a heterogeneous preparation consisting of several subpopulations of stromal/stem and precursor cells. Donor-specific differences in ASC isolations and the lack of culture standardization hinder the comparison of results from different studies. Nevertheless, ASCs are already being used in different in vivo models and clinical trials to investigate their ability to improve tissue and organ regeneration. Many questions concerning their counterparts and biology in situ, their differentiation potential in vitro and in vivo, and the mechanisms of regeneration (paracrine effects, including regeneration-promoting factors and extracellular vesicles, differentiation, and immunomodulation) are not completely understood or remain unanswered. This Special Issue covers research articles investigating various adipose tissues as a source for ASC isolation, specific cultures methods to enhance proliferation or viability, and the differentiation capacity. Furthermore, other studies highlight aspects of various diseases, the immunosuppressive potential of ASCs and their derivatives, or the in vivo tracking of transplanted ASCs. This edition is complemented by a review that summarizes the current knowledge of spheroid culture system methods and applications for mesenchymal stem cells.

