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Nota di contenuto	Atlas of Living Cell Cultures; Contents; Preface and Acknowledgments; Abbreviations; 1 Introduction; 1.1 Introduction and Usage of This Book; 1.2 General Remarks; 2 Basic Cell Culture Techniques; 2.1 Safety Precautions for Frozen Cell Lines; 2.2 Sterile Working; 2.3 Handling Procedure for Cell Lines; 2.3.1 Frozen Cells; 2.3.2 Receipt of Growing Adherent Cultures in T-flasks; 2.3.3 Receipt of Growing Suspension Cultures; 2.3.4 Medium Replacement of Cells in Suspension; 2.3.5 Subculture of Cells in Suspension; 2.3.6 Subculture of Adherent Cells 2.3.7 Subculture of Mixed Cell Lines (Adherent and Floating Cells)2.3.8 Cell Counting; 2.3.9 Cryopreservation of Cell Lines; 2.3.10 Long Term Storage of Cells; 2.3.11 Detection and Elimination of Contaminations; 2.3.12 Cross-contaminations=Authentication; 2.4 Special Remarks on the Origin of the Cell Lines; 2.5 Photographic Equipment; 3 List of Cell Lines and Human Primary Cells (in Alphabetical Order); 3.1 Human Cell Lines; 3.2 Animal Cell Lines; 3.2.1 Rat; 3.2.2 Mouse; 3.2.3 Hamster; 3.2.4 Chicken; 3.2.5 Monkey; 3.2.6 Pig; 3.2.7 Opossum; 3.2.8 Potoroo; 3.2.9 Bovine; 3.2.10 Dog 3.2.11 Insect3.3 Human Primary Cells; 4 Cell Lines and Human Primary Cells; 4.1 Human Cell Lines; 4.2 Animal Cell Lines; 4.2.1 Rat; 4.2.2

Mouse; 4.2.3 Hamster; 4.2.4 Chicken; 4.2.5 Monkey; 4.2.6 Pig; 4.2.7 Opossum; 4.2.8 Potoroo; 4.2.9 Bovine; 4.2.10 Dog; 4.2.11 Insect; 4.3 Human Primary Cells; Appendix A: Materials and Suppliers; Appendix B: Suppliers of Cell Culture Materials; Further Reading; Index

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Sommario/riassunto

The first atlas in many years giving researchers a good visual reference of the status of their cell lines. Given the increasing importance of well defined cellular models in particular in biomedical research this is a sorely needed resource for everyone performing cell culture.

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