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4.3 ASEPTIC TECHNIQUE: BASIC PROCEDURES4.4 HEPA FILTRATION; 4.5  
HOODS AND CABINETS EMPLOYING HEPA FILTRATION; 4.6 WORKING  
WITHIN UNIDIRECTIONAL AIRFLOW CABINETS AND MICROBIOLOGICAL  
SAFETY CABINETS; 4.7 TESTING OF CLASS I AND CLASS II  
MICROBIOLOGICAL SAFETY CABINETS; 4.8 CLEANROOMS FOR CELL  
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INTRODUCTION; 5.2 THE CELL CYCLE; 5.3 METHODS FOR DESCRIBING  
THE CELL CYCLE; 5.4 IMPORTANCE OF THE CELL CYCLE IN PROCESS  
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8.8 DETECTION OF MYCOPLASMAS; 8.9 BACTERIA AND FUNGI  
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CULTURE AND PRESERVATION OF FUNGI AND YEAST; 10.4 CULTURE  
AND PRESERVATION OF CELL CULTURES; REFERENCES  
11 Expression and Secretion of Heterologous Proteins, Bacillus and  
Other Gram-Positive Bacteria

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#### Sommario/riassunto

Biotechnology represents a major area of research focus, and many universities are developing academic programs in the field. This guide to biomanufacturing contains carefully selected articles from Wiley's Encyclopedia of Industrial Biotechnology, Bioprocess, Bioseparation, and Cell Technology as well as new articles (80 in all,) and features the same breadth and quality of coverage and clarity of presentation found in the original. For instructors, advanced students, and those involved in regulatory compliance, this two-volume desk reference offers an accessible and comprehensive reso

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