

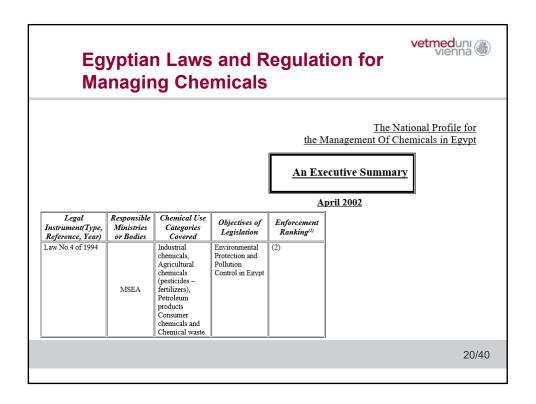




Egyptian Laws and Regulation for Managing Chemicals					
Contents	NATIONAL PROFILE				
Introduction	1				
Executive Summary of the National Profile	3	FOR			
Chapter 1: National Background Information	7	THE MANAGEMENT			
Chapter 2: Chemical Production, Import, Export and Use	19	OF			
Chapter 3: Priority Concerns Related to Chemical Production Import, Export, and Use	21	CHEMICALS			
Chapter 4: Legal Instruments and Non-Regulatory Mechanisms for Managing Chemicals	25	IN EGYPT			
Chapter 5: Ministries, Agencies and Other Institutes Managing Chemicals	35				
Chapter 6: Relevant Activities of Industry, Public Interest Groups & Research Sector	39				
Chapter 7: International Linkages	45	JANUARY 1999			
Chapter 8: Awareness Understanding of Workers and the Public	48	CONTENTS			
]	1			

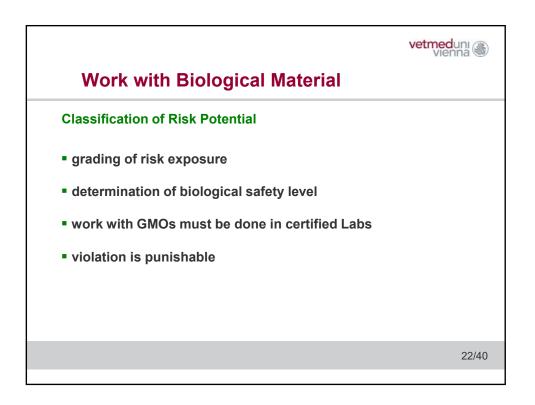














vetmeduni vienna

Biosafety Levels

Biosafety Level 1 (BSL-1)

BSL-1 is the basic level of protection common to most research and clinical laboratories, and is appropriate for agents that are not known to cause disease in normal, healthy humans.

Biosafety Level 3 (BSL-3)

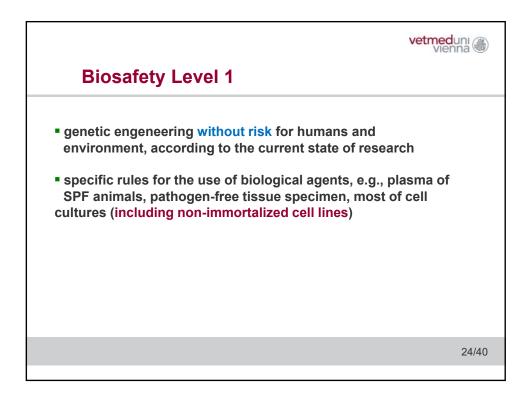
BSL-3 is appropriate for indigenous or exotic agents with a known potential for aerosol transmission, and for agents that may cause serious and potentially lethal infections.

Biosafety Level 2 (BSL-2)

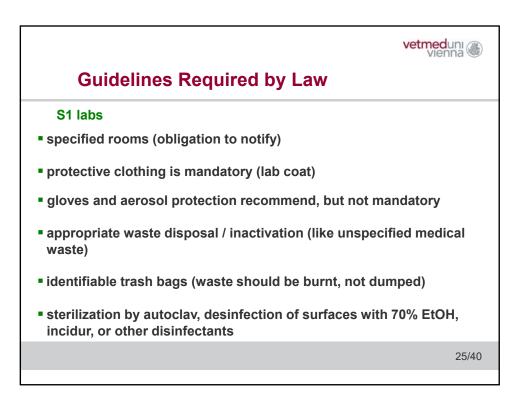
BSL-2 is appropriate for moderate-risk agents known to cause human disease of varying severity by ingestion or through percutaneous or mucous membrane exposure. Most cell culture labs should be at least BSL-2, but the exact requirements depend upon the cell line used and the type of work conducted

Biosafety Level 4 (BSL-4)

BSL-4 is appropriate for exotic agents that pose a high individual risk of life-threatening disease by infectious aerosols and for which no treatment is available. These agents are restricted to high containment laboratories.

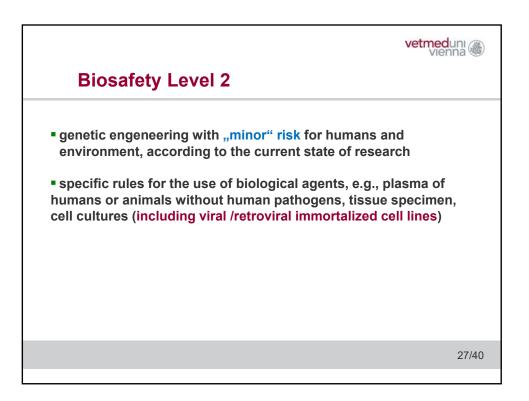


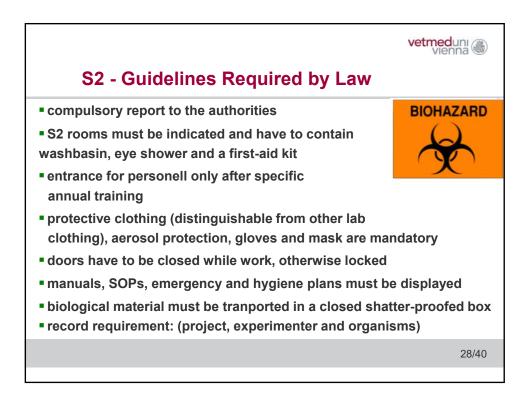




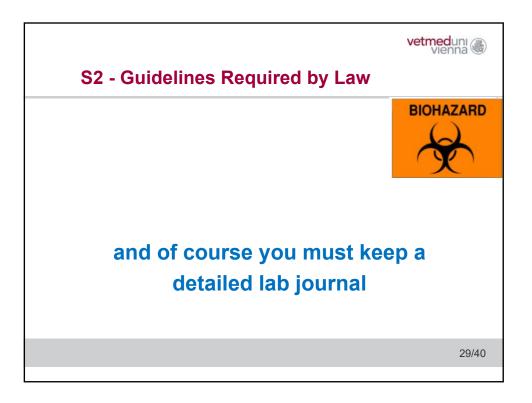


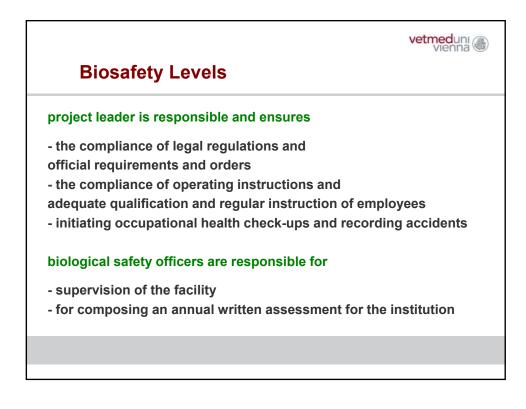




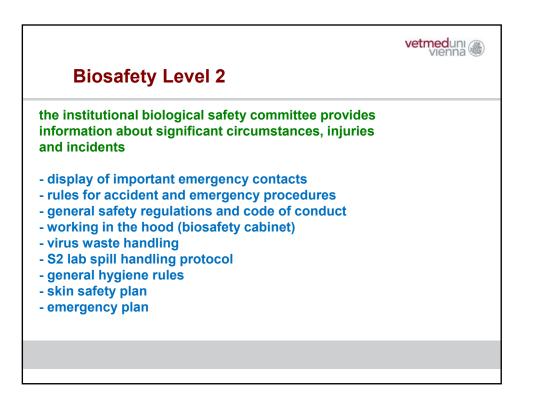


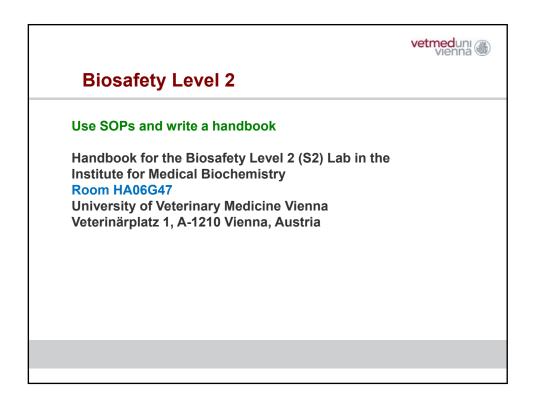






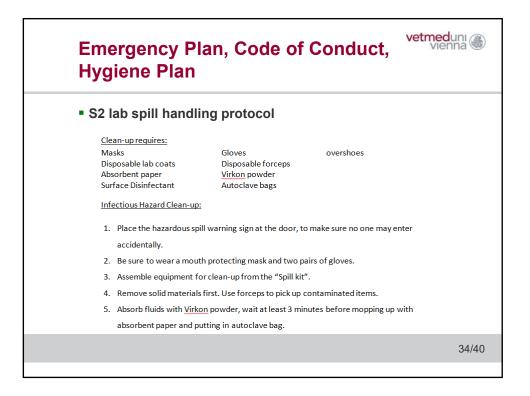




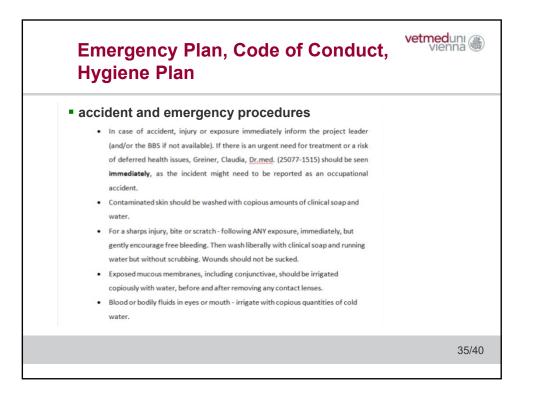


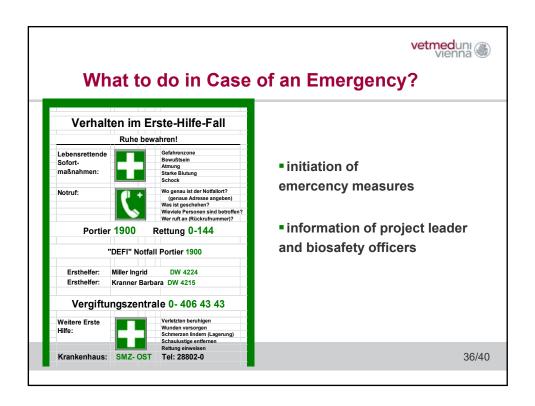


Hygie	Emergency Plan, Code of Conduct, Hygiene Plan					
, gic		an				
Genera	General hygiene rules					
Subject	Required Action	Use	When	Those Responsible		
Hands	Wash	Baktolin [®] sensitive	As required and after work	Everyone		
	Disinfect Moisturise	Sterillium [®] classic pure Baktolan [®] lotion pure	(EH72.3 Roth)			
Lab Coats	Autoclave	double-bagged waste	Regularly or when contaminated	Everyone		
Work Surfaces	Disinfect and clean	Meliseptol Rapid	After each use or if contaminated	Everyone		
Equipment	Disinfect and clean	2% Virkon [®] or Meliseptol Rapid	After each use	Everyone		
Solid Waste	Autoclave	Autoclave	As required	Trained Personnel (names documented)		
Contaminated Floors	Disinfection	Meliseptol®	Once per month or if contaminated	Everyone		
Floors	Cleaning	Cleaning Products	Weekly	Trained Support Staff (names		

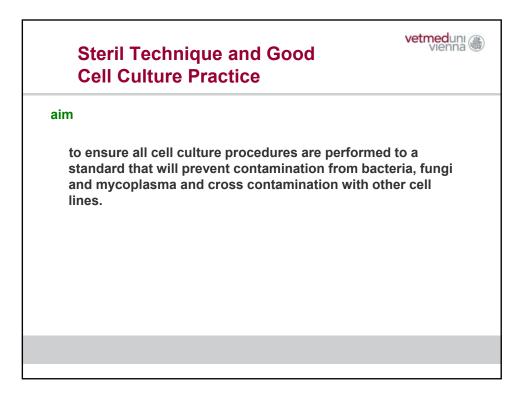






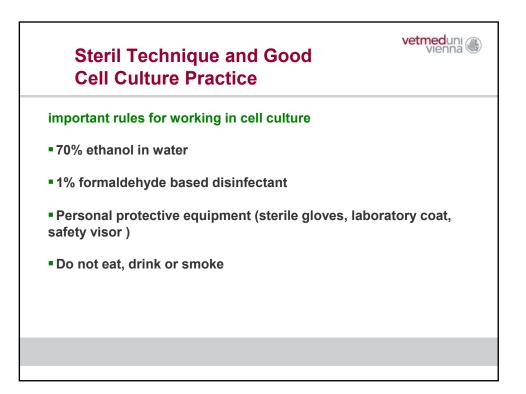


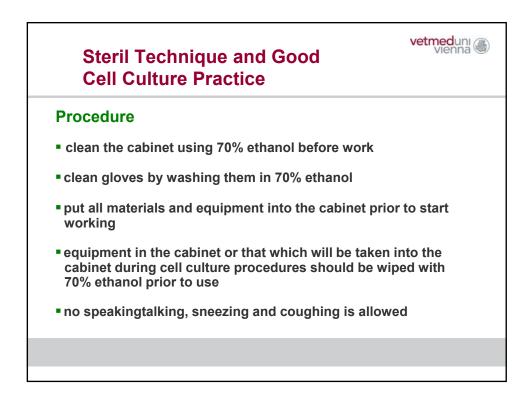




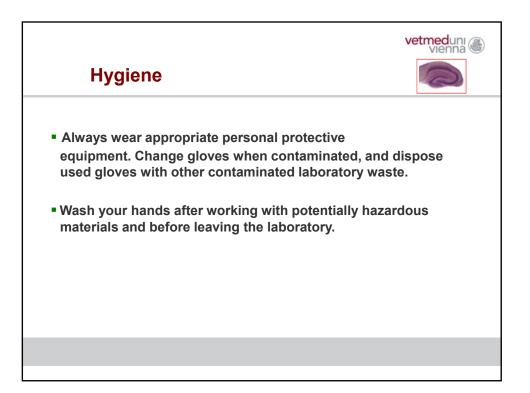
Steril Technique and Good Cell Culture Practice						
Procedures						
Chemical	Mechanical	Physical				
Ethanol	Microfiltration	Humidity				
Oxidant	Ultrafiltration	Dry heat				
Aldehyde		UV- radiation				
	1	1				

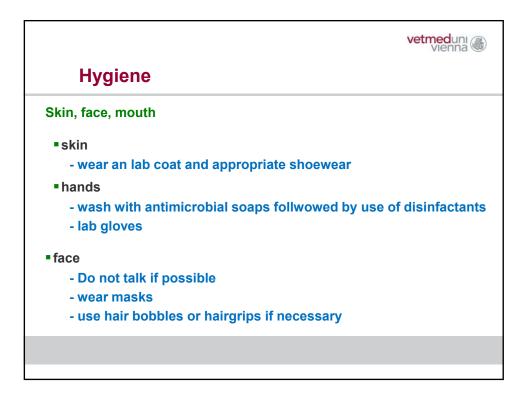




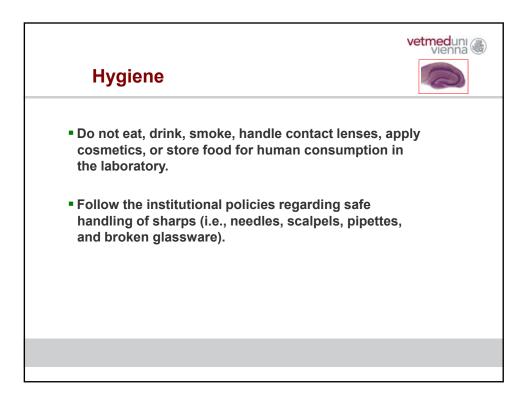


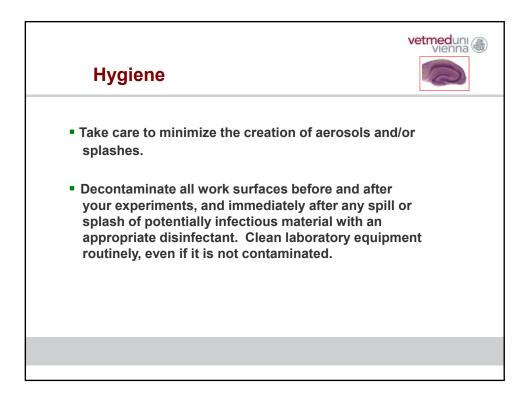




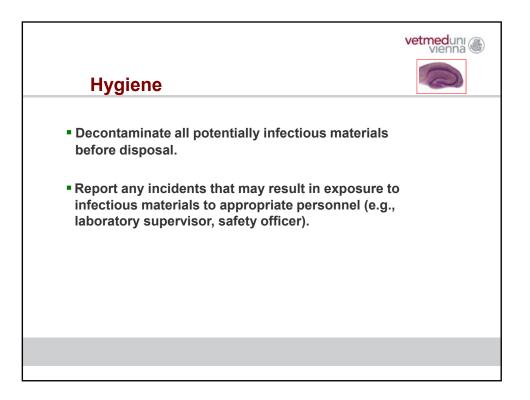


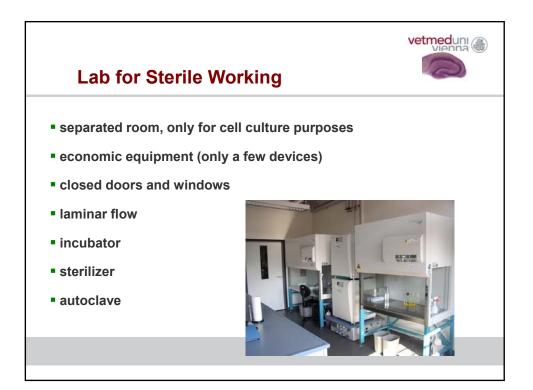






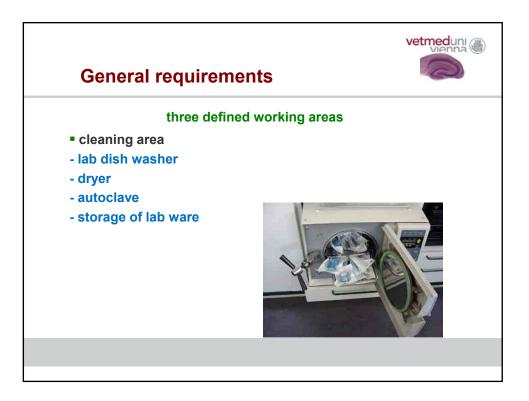






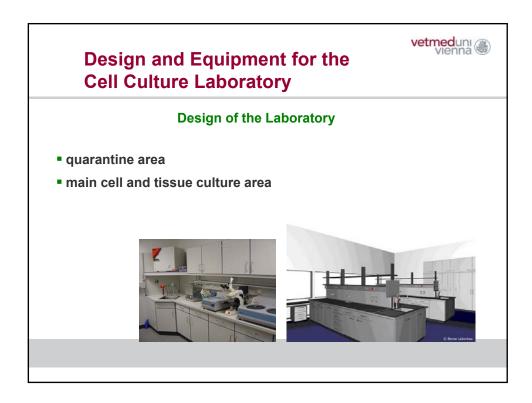




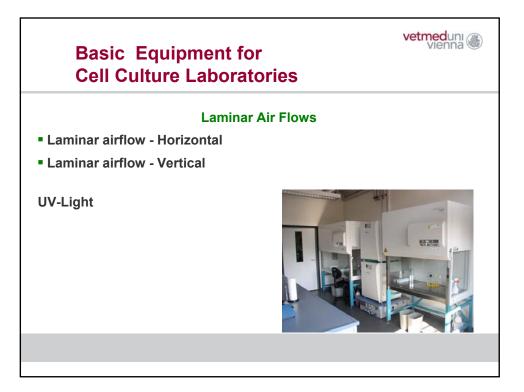


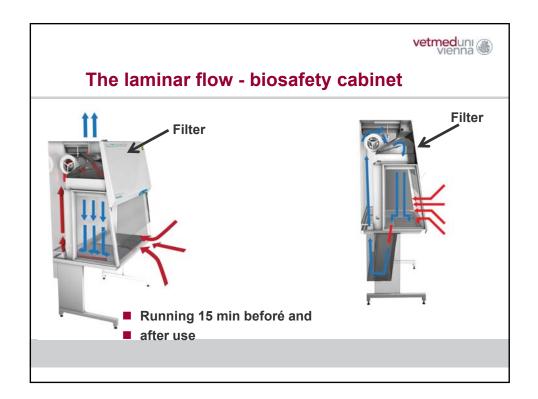




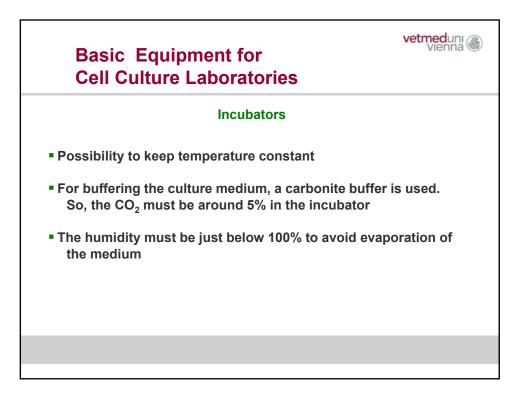


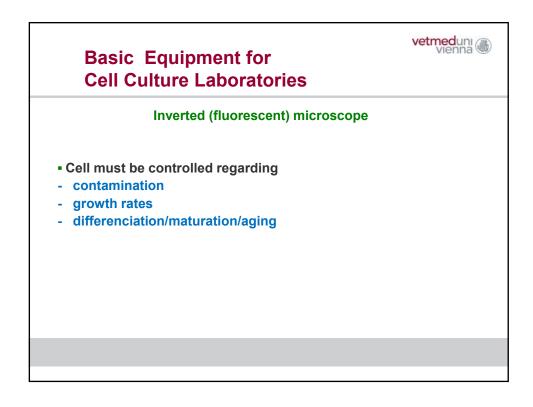




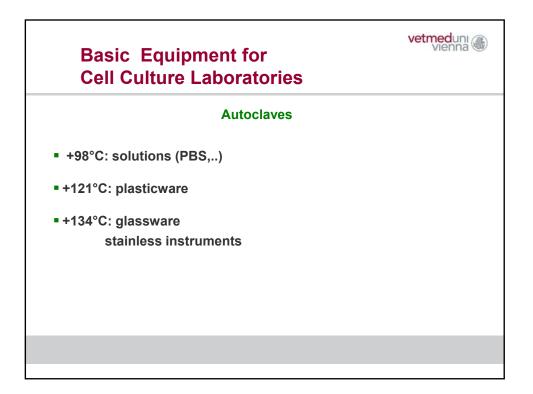


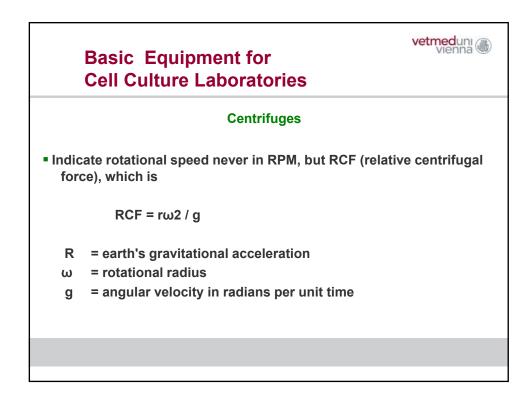




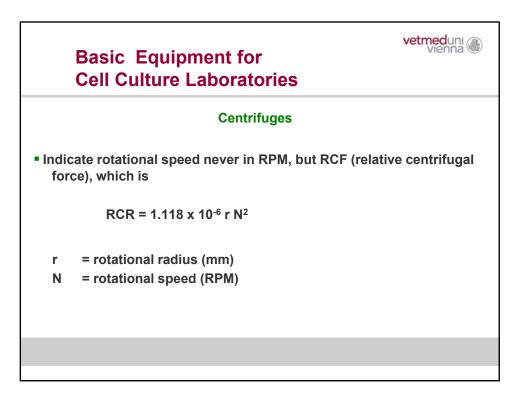


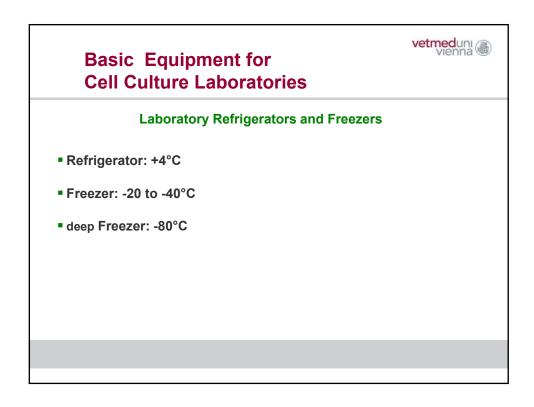












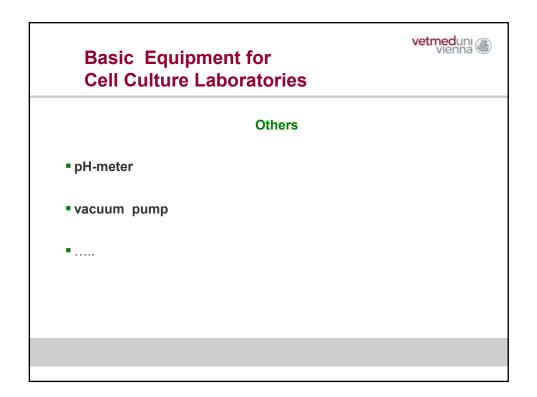










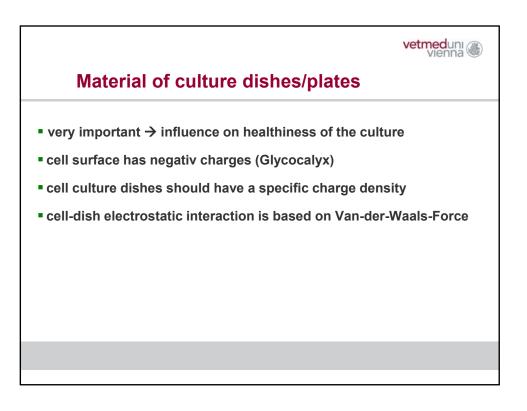


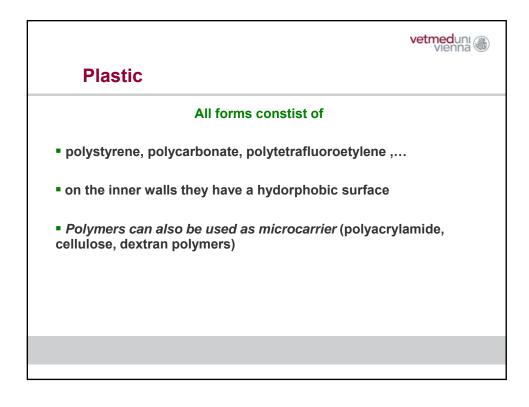






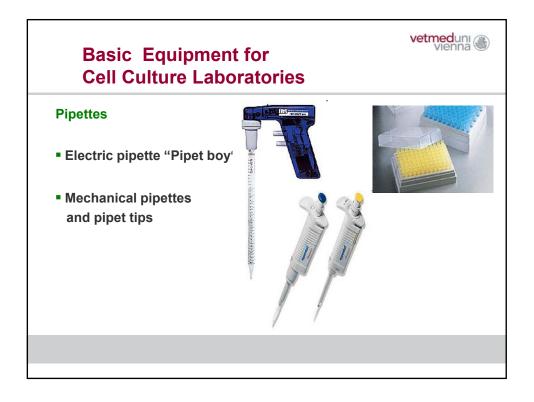




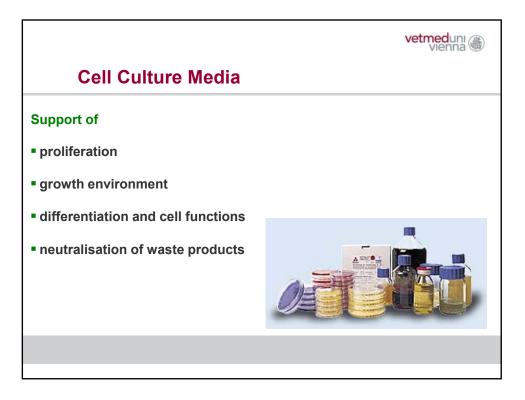


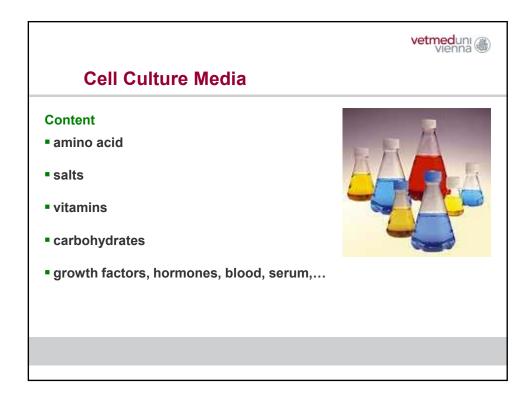




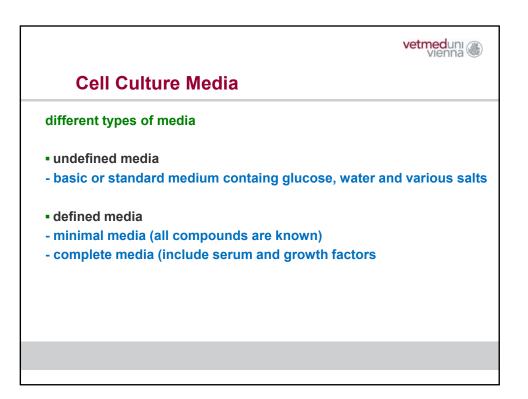


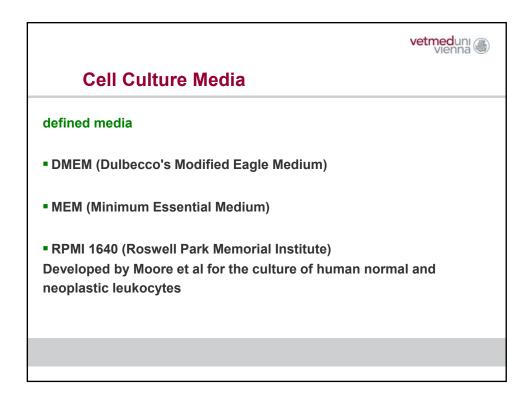




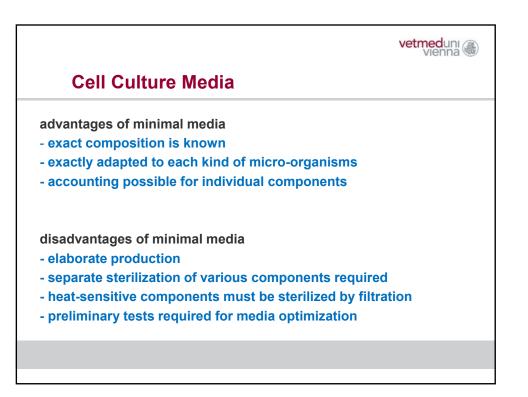


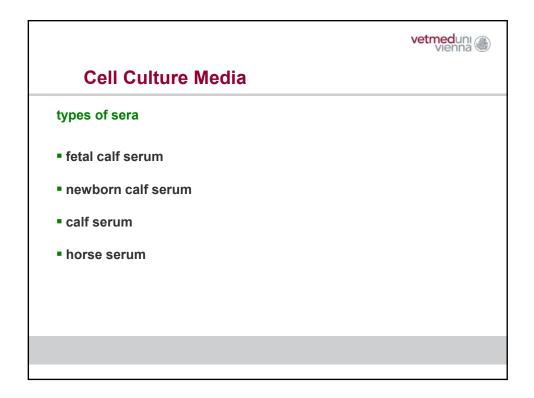




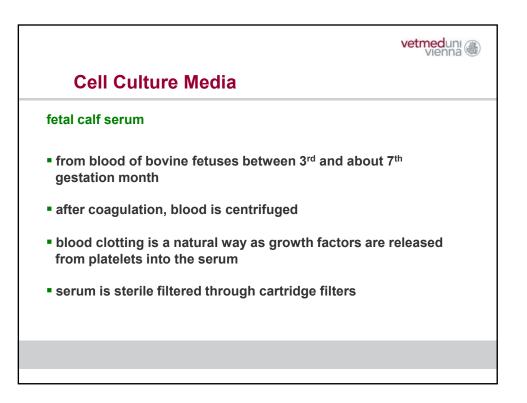


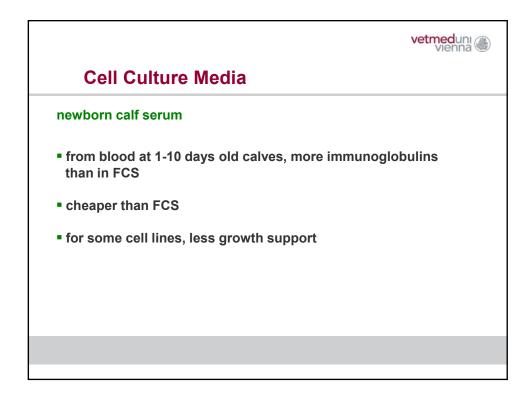




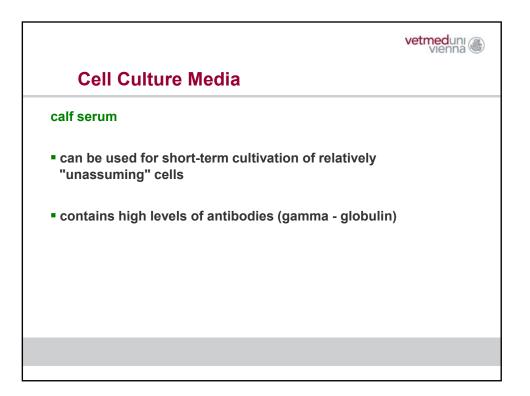


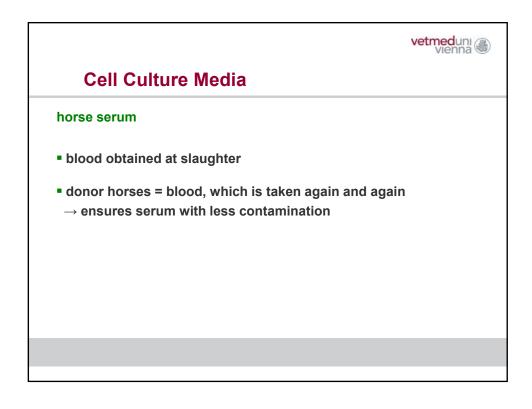




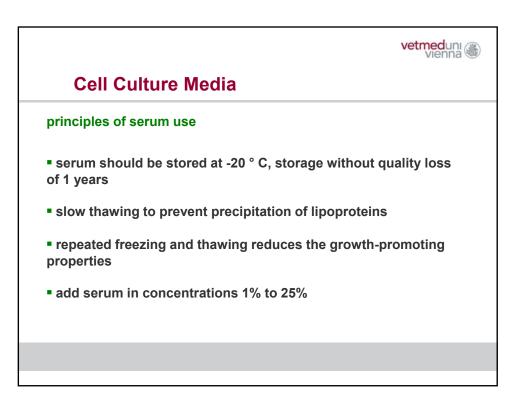


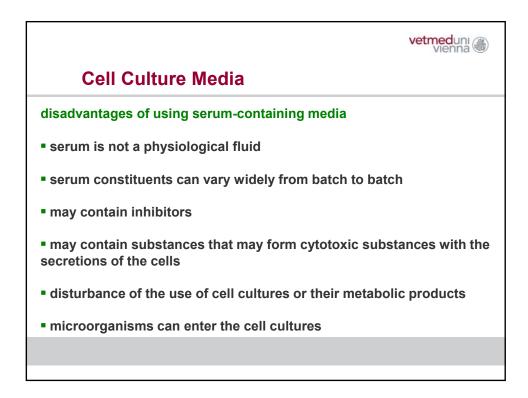




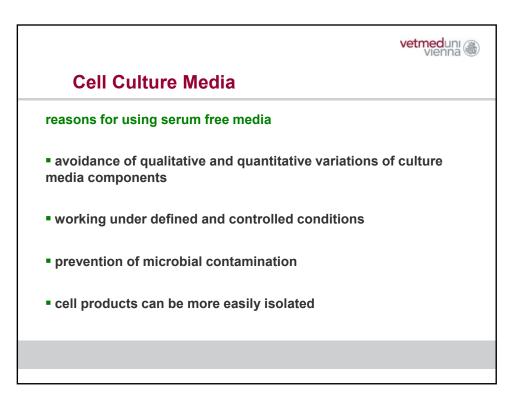


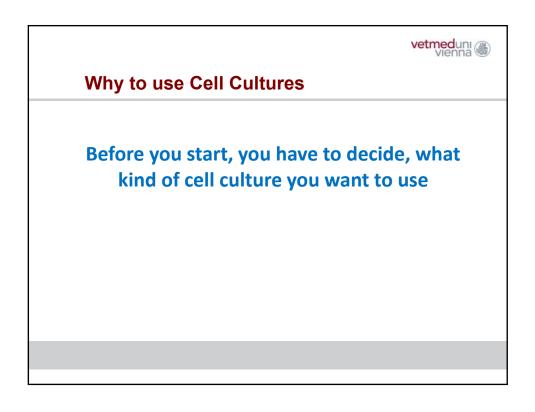














Types of Cell Cultures	
adherend	non-adherend cells
mono- or multilayer	grow in suspension
attached to the dish	do not stick to the polymers of the dish
derived from tissues where they are not tranlocating coherent cell layers	cells of the immune system oder their precursors
density-dependent inhibition of proliferation	
primary	transformed cells
isolated from tissues	infinite proliferation span in vitro
limited live expectancy => finite cultures	either tumor cells or immortalized cells

