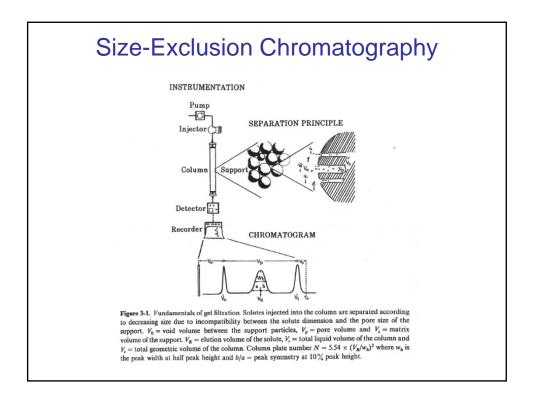
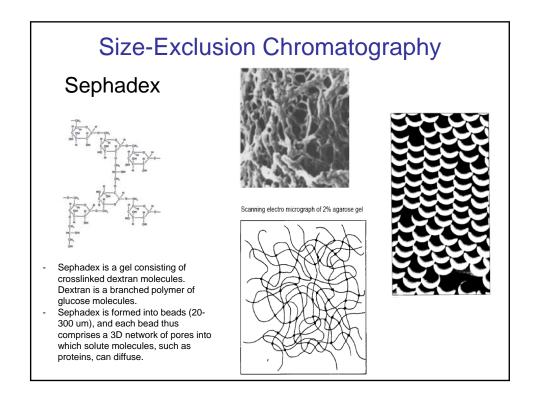
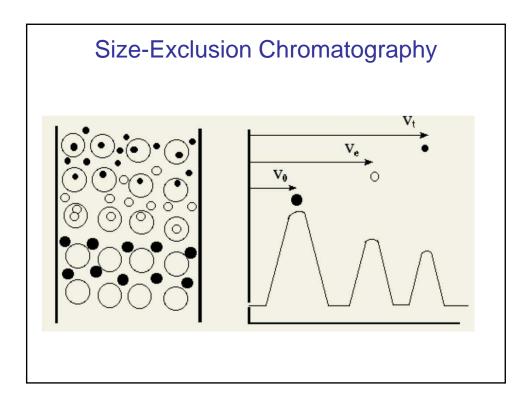
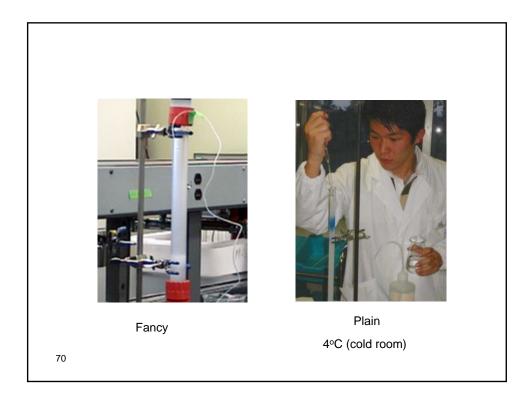
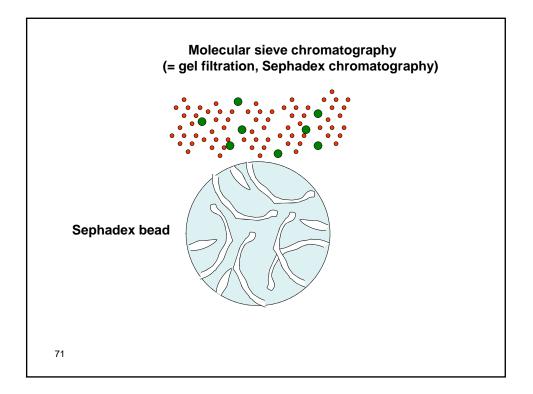
Chromotownah
Chromatography
Gel filtration (GFC)
Gel permeation (GPC)
Size exclusion (SEC)
lon exchange (IEC)
Hydrophobic interaction (HIC)
[Reverse phase (RPC)]
Affinity (AC)

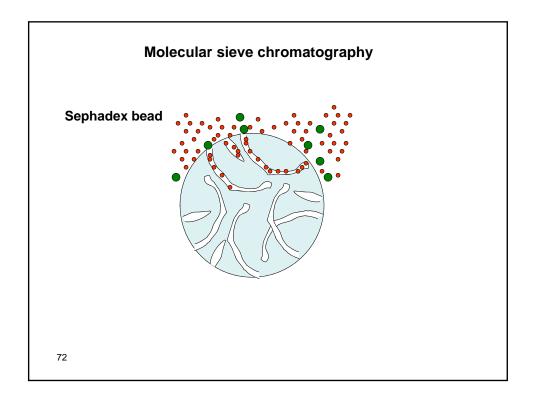


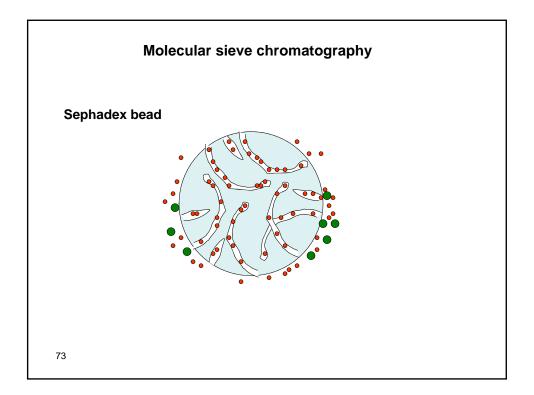


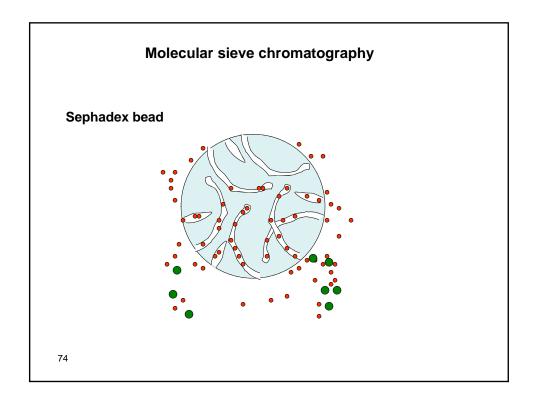


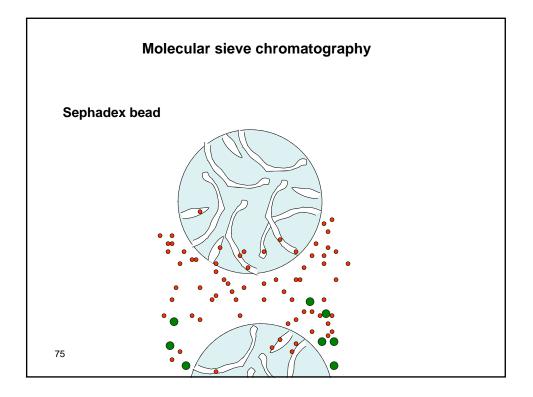


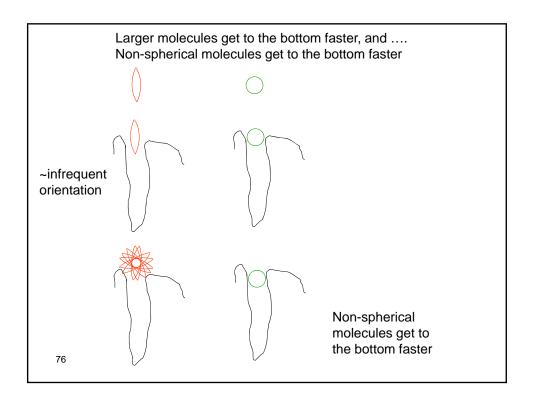


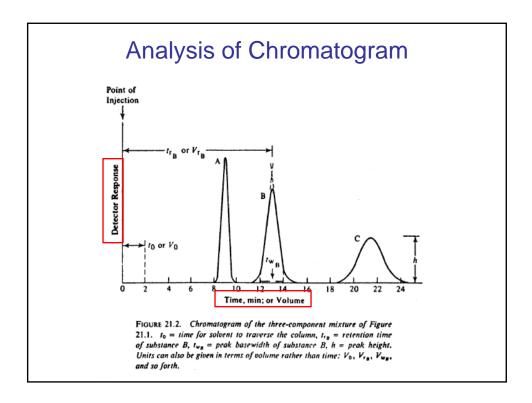


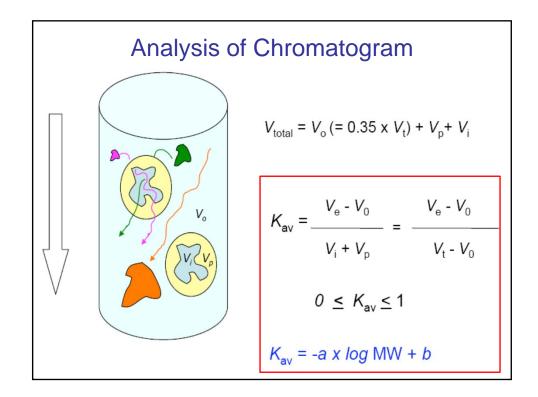


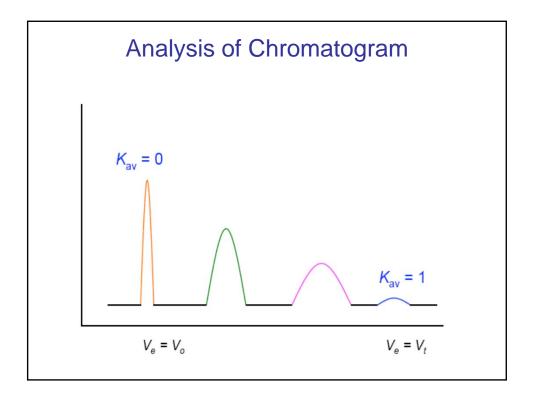


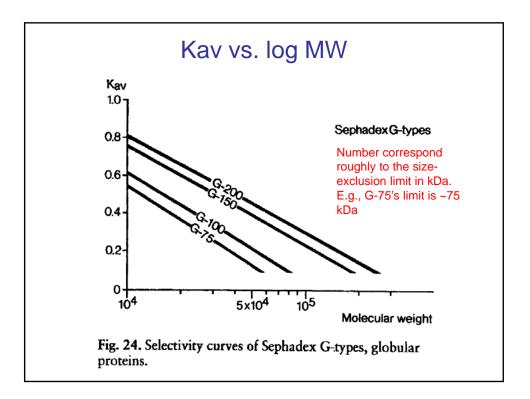


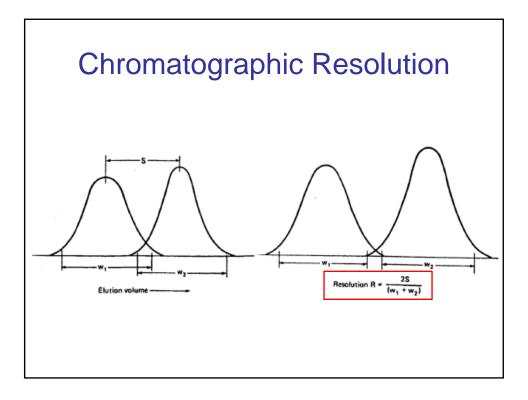


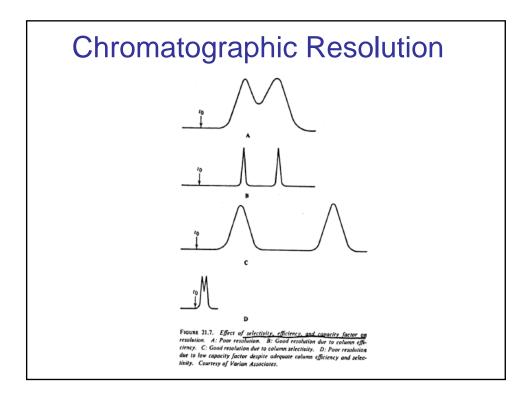


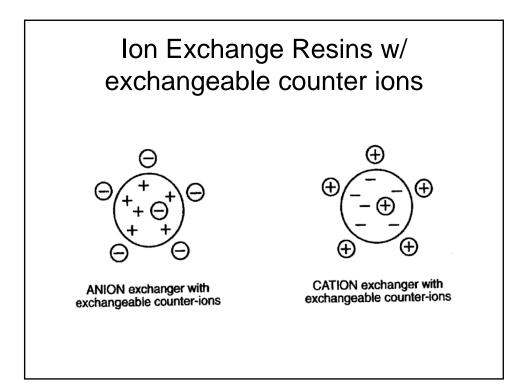












Functional groups used in Ion-exchange resin			
TABLE 4-2 Ion Exchange Groups Used in the Particultion of Proteins			
FORMULA	NAME	ABBREVIATION	
Strong anion			
	trimethylaminoethyl	TAM	
-C <sub>2</sub> H <sub>4</sub> N <sup>+</sup> (C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub>	triethylaminoethyl	TEAE	
-C <sub>2</sub> H <sub>4</sub> N <sup>+</sup> (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> CH <sub>2</sub> -CH(OH)CH <sub>3</sub>	diethyl-2-hydroxypropylamino-ethyl	QAE	
Weak anion			
-C <sub>2</sub> H <sub>4</sub> N <sup>+</sup> H <sub>3</sub>	aminoethyl	AE	
$-C_2H_4N^+H(C_2H_5)_2$	diethylaminoethyl	DEAE	
Strong cation			
SO3-	sulpho	S	
-CH <sub>2</sub> SO <sub>3</sub> .	sulphomethyl	SM	
-C3H803-	sulphopropyl	SP	
Weak cation			
COO-	carboxy	с	
-CH2COO-	carboxymethyl	СМ	

