

Biophysics (BTEC309)
Dept. of Biotechnology & Bioinformatics
Spring semester, 2016
Professor Kyung Hyun Kim

Textbook : 1. Proteins structure and function (2005) by David Whitford; John Wiley and Sons, Ltd., West Sussex, England.

References : 1. Introduction to protein science (2004) by Arthur Lesk ; Oxford University Press, Oxford.

Date		Topic	Text
3/1주		An introduction to protein structure and function	1-9
3/2주	Q	Amino acids: the building blocks of proteins	13-37
3/3주		Amino acids: the building blocks of proteins	13-37
3/4주		The three dimensional structure of proteins	39-83
4/1주		The three dimensional structure of proteins	39-83
4/2주	Q	The structure and function of fibrous proteins	85-103
4/3주		The structure and function of fibrous proteins	85-103
4/4주		The structure and function of membrane proteins	105-159
4/5주		The structure and function of membrane proteins	105-159
5/1주	Q	The diversity of proteins	161-187
5/2주		The diversity of proteins	161-187
5/3주		The diversity of proteins	161-187
5/4주	Q	Enzyme kinetics, structure, function, and catalysis	189-244
6/1주		Enzyme kinetics, structure, function, and catalysis	189-244
6/2주		Enzyme kinetics, structure, function, and catalysis	189-244
6/3주		Final exam	

Grades:

Exams all

Assignments 5%