SI SESSION 14 10/27/25

-	What is a post-translational modification?
-	Define glycosylation
-	What amino acids are glycosylated? Added Where?
_	What is a glycosylated atom at the -OH group called?
-	What is a glycosylated atom at the -NH ₂ group called?
-	Which amino acids are N/O linked?
-	What are glycoproteins?

-	Define phosphorylation
_	What are all of the possible sources of phosphates that were discussed in class?
-	What amino acids are able to be phosphorylated?
-	What enzymes add phosphates to a protein?
_	What enzymes remove phosphates from a protein?
_	What is a prosthetic group?

-	Define apoprotein
-	Define Holoprotein
-	Define cofactor and coenzyme. Can the cell synthesize these?
_	What is a metalloprotein? Give some examples
_	What are non-heme proteins? Give some examples
_	What are hemoproteins? Draw an example!
-	What are the requirements/characteristics of vitamins?
-	What are the two general classes of vitamins?