Assignment 5

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Due on 2021-02-24, 23:59 IST.

1) Which of the following sequence represents the events of protein aggregation?
   - "Unfolded-Native-Aggregated-Oligomer"
   - "Aggregated-Unfolded-Native-Oligomer"
   - "Native-Unfolded-Oligomer-Aggregate"
   - "Native-Oligomer-Unfolded-Aggregate"
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - "Native-Unfolded-Oligomer-Aggregate"

2) Aggregate results in the formation of following secondary structure?
   - a-helix
   - β sheets
   - β turns
   - Random coils
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - a-helices

3) Which of the following disease(s) arise due to protein aggregation?
   - Alzheimer
   - Parkinson
   - Prion
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - All of these

4) Which of the following method(s) can be used for characterization of protein aggregation?
   - Thioflavin T fluorescence
   - Morphological analysis
   - Phosphoryl protein analysis
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - All of these

5) Which of the following equation is applied in the dynamic light scattering method?
   - Stoke-Ginstein equation
   - Boltzmann equation
   - Young's equation
   - None of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Stoke-Ginstein equation

6) Which of the intermolecular forces are involved in intermolecular interactions?
   - Dispersion forces
   - Electric double layer
   - Short-range forces
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - All of these

7) What is the first step of protein aggregation on solid surfaces?
   - Adsorption
   - Nucleation
   - Unbinding
   - Depuration
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Adsorption

8) Which of the event occur during the lag phase of protein aggregation?
   - Aggregation
   - Nucleation
   - Conformational change
   - Precipitation
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Conformational change

9) What is the effect of the initial surface roughness on protein adsorption?
   - Increases
   - Decreases
   - Unchanged
   - Independent
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Increases

10) Which of the followings will cause protein aggregation?
    - "Upregulation of chaperones"
    - "Interference with post-translational changes"
    - "Inhibition of aggregation"
    - None of these
    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    - "Upregulation of chaperones"