TOPIC: This question will focus on the phenomenon of 3D domain swapping and its implications for understanding protein structure, evolution, and disease.

Questions will be drawn from the following references:

Deposition diseases and 3D domain swapping.
Bennett MJ, Sawaya MR, Eisenberg D.

3D domain swapping: as domains continue to swap.
Liu Y, Eisenberg D.

3D domain swapping, protein oligomerization, and amyloid formation.
Jaskólski M.

Three-dimensional domain duplication, swapping and stealing.
Heringa J, Taylor WR.

3D domain swapping: a mechanism for oligomer assembly.
Bennett MJ, Schlunegger MP, Eisenberg D.

Three-dimensional domain swapping in the protein structure space.
Huang Y, Cao H, Liu Z.