HW 1 (Module 1)

This is a team activity (Total points: 50).

Write a short review of either one of these topics.

1. Defeating the blood-brain-barrier: strategies for delivering drugs to human brain
2. Cell penetrating motifs and their implication in imaging and therapeutic probes
3. A short review of opsonization: a critical biophysical obstacle to drug delivery
4. Importance of proton sponge effect in drug delivery

Deadline: 02-19-2015

Word limit: 2000-3000;

Suggested readings/resources: pubmed.com; SCOPUS, SciFinder

1. Your summary should include these points:
   a. Introduction to the problem
   b. Importance/linking to the healthcare and medicine
   c. Current strategies found in the literature
   d. Future directions
2. Please use pubmed.com as your source to find relevant literatures.