

Study Questions
April 21, 2016

1. What are the properties of glycans and their glycoconjugates that makes them well suited to create protective barriers against the outside environment?
2. What are the necessary functions of mucosal barriers and how are they accomplished through glycocalyx organization?
3. What structural features of mucins contribute to barrier function?
4. What types of glycans can be found in mucosal barriers?
5. Are there unique requirements for different mucosal barriers and how do glycans contribute to satisfy them?
6. How do mucosal barriers get breached by pathogens?
7. How do mucosal barriers get subverted by aberrant cells?
8. What are the consequences of the physical presence of cell-surface mucins on cellular functions?