Na	me:EID:
Topic: Probiotics and the Human Microbiome Pre-discussion questions. Answer briefly. Use only the space provided.	
1)	What is a probiotic?
2)	Find a commercial probiotic that is not discussed in the readings to share with the class. What microorganism does it contain? How many microbial cells (CFUs)? What are the advertised health benefits?
3)	Describe at least two ways that <i>Streptococcus mutans</i> was genetically modified to create a probiotic for preventing cavities. (Be specific: mention genes and their effects.)
4)	What was the main finding of the Le Chatelier <i>et al</i> study of the gut microbiome? Mention specific types of bacteria and at least one health condition.
5)	Imagine medicine in the future when we have a better understanding of the microbiome and ability to engineer probiotics. How might it be different from today?
<ul><li>6)</li><li>7)</li></ul>	Would you brush your teeth with GM bacteria if it could prevent cavities? YES / NO What was the most interesting reading (or viewing) item this week?