**Jigsaw Group Student Sheet**

**Instructions:** Answer the questions below that draw on all six groups’ knowledge of the human microbiome. After completing the questions, construct your jigsaw group’s model of the human microbiome.

1. How do microbes protect us from invading pathogens and autoimmune diseases?

2. Give examples of **commensal** and **mutualistic** relationships found between microbes and the human body.

3. Describe how native and non-native microbes can become **invasive species** in the human body.

4. Give examples of certain ecological **niches** that microbes fill in the human body.

5. How is the human microbiome an example of **succession**?

5b. What factors lead to the development of the human microbiome?

6. Why is microbial diversity important for human health?

7. You recently told your friend in another biology class that the human body is an ecosystem. He doesn’t believe you; he tells you that ecosystems are places like the forest, ocean, desert, etc. What do you explain to your friend to convince him that the human body is in fact an ecosystem?