

**Chemistry 5995(083)-8990(013)**

**Metals in Medicine**

**Assignment 2**

**Due: February 27, 2020**

You are assigned to read three articles (two research-based and one review) for the second seminar presentation discourse. The topics of these articles are:

1. Metal homeostasis in host-pathogen interactions
2. Exploring the function of the human gut microbiome in the regulation of toxic elements
3. Elucidating mechanistic insight into bipolar disease obtained through the use of a metal therapeutic

Please write a **one to two page synopsis each for the articles focused on topics 1 and 2** in which you address the following points:

- What is the objective of the article?
- What is the methodology that was applied?
- What are the key findings of the article and do you believe that sufficient evidence was provided to support these claims? Explain.

Although you are not required to provide external references, if you want to include information from a related article, please make sure to cite using the standard ACS format.

The article on topic 3 will be a dual presentation by your classmate Getsemary Cabrera Rivera. **We ask that you prepare three talking points and include them with your two synopses.** These talking points can be questions that you may have about the article.

**The synopses and talking points are to be submitted** as either a word or pdf document by email (Wednesday, February 26<sup>th</sup> at 11:59 pm).