Antibiotic Resistance:

In a University tutorial you will frequently be asked to prepare some work ahead of time and do some form of assessment post the event. This form of small group teaching can be great fun if you come prepared with just a little knowledge, but more importantly just be prepared to be engaged.

In two further sessions we will want you to choose your own topics – but for the first one we’re going to look at antibiotic resistance and see the way a tutorial might work.

Antibiotic resistance. Spend ten minutes reading the first paper from the WHO

What are major issues with antimicrobial and antibiotic resistance?

What are antibiotics? How do they work? How might they work? How do bacteria become resistant? Why do bacteria not kill themselves with antibiotics? What makes a good antibiotic? What are the targets of penicillin, methicillin, vancomycin and teixobactin? Are there alternatives?

We will have a look at a scientific paper in class – you may have had a look at it already – its quite complicated, but we aim to take you through some of the figures to explain.