

Assignment #1: Evaluating the microbiology displayed in Arrowsmith

Instructions:

Read Chapters 28-30 (~33 pgs) of Arrowsmith that include the discovery and characterization of bacteriophage, then answer the questions below

Book links:

<https://archive.org/details/ost-english-martinarrowsmith030614mbp/page/n335/mode/2up>

or

<http://gutenberg.net.au/ebooks02/0200131h.html#ch28>

- 1) Identify and describe 3 aspects or findings of Dr. Arrowsmith's work that are accurate or familiar today.
- 2) How were the microbiology practices portrayed in the book different from modern procedures?
- 3) What limitations did microbiologists have at this time? How was their progress held back? In other words, what did they not know?
- 4) Find one unique finding, study, or biographical attribute of Felix d'Herelle.

Additional activities:

See *1931 B anthracis phage discovery QUBES module* for additional related activities related to the early characterization of bacteriophages