

Discussion of *Phage Therapy of Pseudomonas aeruginosa Infection in a Mouse Burn Wound Model* for Friday, June 18th:

We've dived people up into pairs. Each pair will be focusing on a figure from the article or an experiment. None of the experiments in here are that demanding technology wise, so I think we can focus on how (and maybe even *if*, in some cases) the results of each experiment support the authors' central claim that:

“ . . . the phages administered by the i.p. [intraperitoneal] route were delivered at a higher dose, were delivered earlier, and were delivered for a more sustained period of time than the phages administered by the i.m. [intramuscular] or s.c. route [subcutaneous] . . . ”

In true BBSI fashion, the chart below will indicate who is paired with whom, and what each group should hone in on. This is really all just a suggestion, though—work together or not, however you are moved to do it:

Names:	Focus:
Annie & Richard	How did the authors determine the number of bacteria in each tissue sample? How did they determine the phage titer?
Kelcey & Russell	There are at least 5 control experiments in here (maybe more?). How were they done, and what did they contribute to the results?
Jonathan, Patrick, & Megan	Explain the findings in terms of the three line graphs. What the significance of sampling the blood, liver, and spleen?