A. Images showing the distribution of fluorescent bacteria (CFUs) in mice at different time points (0.5 h, 2 h, 5 h, and 24 h) following infection with two different CFU doses: $10^7$ CFU/mouse and $10^6$ CFU/mouse. The images are color-coded with a color bar indicating the range of counts per second per cm$^2$ per steradian (p/sec/cm$^2$/sr).

B. Graph depicting the total flux of photons (y-axis) over time (x-axis) for high and low dose conditions. The graph shows a decrease in photon flux over time for the high dose and a more stable flux for the low dose.

C. Western blot analysis of sera and CSF samples from mice infected with high and low doses of bacteria. The blot shows bands at 25 kDa and 22 kDa, with increases in these bands over time (2 h, 5 h, 24 h) for both non-infected and infected samples. Arrows indicate additional bands observed in high dose samples.