**Homework**

1. Create a data entry template in excel for a basic scientist who has an experiment with the following experimental design.
   * 12 mice will be injected with the same cancer cells on day 0 (this is called a ‘xenograft’ mouse model).

* 6 of the mice will receive an anticancer vaccine on day 2; the other 6 mice will receive a vehicle control on day 2
* Every 4 days (starting at day 0), the mice will be examined for the occurrence of a palpable tumor (measured in mm2).
* Mice will continue to have their tumor measured every 4 days until day 32.

Researchers care about comparing the following in the 2 groups of mice:

1. time until “tumor take” (i.e. time that the tumor becomes palpable
2. the rate of growth of the tumors
3. the size of the tumors at day 32

(Note: you do not need to come up with an analysis plan, just an excel template for collecting the data).

1. Enter “fake data” into the template for 4 mice (2 in the control group; 2 in the vaccine group).