MICROARRAY DATA UPLOAD:

http://bioinformatics.psb.ugent.be/cornet/experiments/add

- add the cel files of 1 experiment by using the browse button (upload control experiments first)

- keep the suggested "Unique name" (here 1212) or change it to your name of preference

- add a general name in the "GSE number" field to describe a set of experiments (e.g. livey_E2Fa). Use this name for all related experiments (controls+treatments/mutants)

- indicate if it is a control experiment. if not add the name of control experiment previously uploaded ("Unique name")

- add ontology terms to describe your experiment. Search keywords to find the relevant terms in the ontology tree. More examples can be found on the "Browse experiments" page (http://bioinformatics.psb.ugent.be/cornet/experiments/)

Example:
EO:liquid growth media
PO:seedling growth
MO:Ecotype = Col-0
MO:investigator = Mittler R
MO:stimulus_or_stress_design
EXT:gene_knock_in_agi_code = AT5G59820

EXT:gene_knock_in_mutant_name = zat12

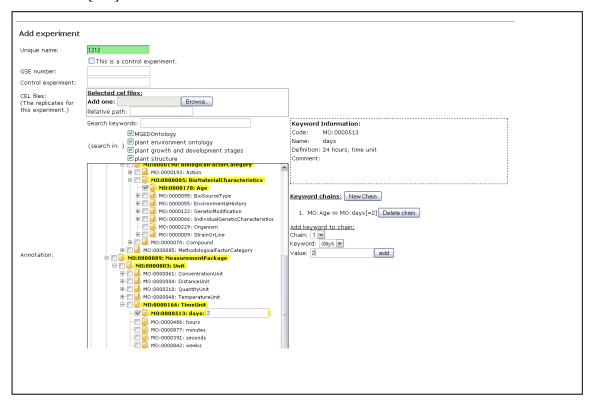Sometimes you need to use "Keyword chains" in your descriptions (right part of the page):
- select keywords you want to link in the ontology tree
- click new chain
- add keywords to chain one by one

Example:
PO:whole plant ~ MO:Age ~ MO:days[= 5]
MO:Compound[= hydrogen peroxide] **~ MO:mM**[= 20] **~ MO:timepoint ~ MO:hours**[= 1]

- add "investigator" term and fill in your nickname

- click "Add" when all necessary terms are selected

- send an email containing the ID of your experiment to cornet-help@psb.vib-ugent.be when you have finished uploading. If not, your experiments will be removed after 24h.

- If you want to go back and change the annotation of the experiments, you can go to http://bioinformatics.psb.ugent.be/cornet/experiments/edit