1. Run *emperorPenguin* on each experiment immediately after you finish clustering.
2. Move all emperor excel spreadsheets that have been run with identical settings into a new empty folder.
3. Run *excelStitch* on this folder to combine all sheets into a *master* sheet.
4. Run *addCellNums* on *master* to create *masterCellNums*.
5. Sort *masterCellNums* by cell num. Add any extra columns you like (e.g. region, dose, CNO num, etc.). Unique exp nums and will be added automatically in next step, and mouse IDs can be too if they are in the folder name (might need to ask Ben for help on this).
6. Run *kingPenguin* on *masterCellNums* to add maps, exp nums, and possibly mouse IDs. The resulting .mat file will be used for all further analysis.
7. Optional: copy all columns except for maps into new sheet in excel (*masterMATLAB*).