**Quality checkpoints**

### **Aim**

Implement quality checkpoints at strategic places so that they are most **effective** at ensuring quality in order to achieve rigorous and reproducible results. Find the balance to maximize the output quality while keeping it manageable (timewise and cost-wise).

Quality checkpoints can be monitored by CF staff, PI or another scientist.

### **Template**

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| **Checkpoints** | **Recommendations** | **Performed by** |
| Experimental design | Check for sound experimental design.  Reject any ill-designed project. |  |
| Sample quality | Check sample quality before starting data acquisition.  Reject poor samples.  If suboptimal sample cannot be redone, CFs should discuss with their users what consequences the sample quality will have on data interpretation and if the experiment should continue. |  |
| Data analysis | Check the correctness of data analysis. |  |
| Publication | Users inform CFs about a publication before submitting it. |  |