Categories for Tool Cards

Genomic analysis cards
Gene identification within species (obtain sequence)
# related genes (e.g. splice variants, homologous genes)

Gene product localization cards
EM to show glial wrap at synapse
In situ hybridization to localize gene product (mRNA)
Immunocytochemistry to localize gene product (protein)
Tagged Gene product transgenic mouse

Functional analysis cards
Transgenic mouse: Deletion (Knock out, mutation) → analyzed how?
Transgenic mouse: Always on, or regulate turning on (constitutive, or regulated expression) → analyzed how?
Pharmacological manipulation
Combo tool card--Imaging/microscopy (can be paired with other cards)
Combo tool card—Electrophysiology (can be paired with other cards)

Choice card (choose a method that is not listed in the other cards)

Consult card (fee: $1000 ) buys advice on advantages or disadvantages of methods you are considering

Skeptic card (justify and prioritize your choices)