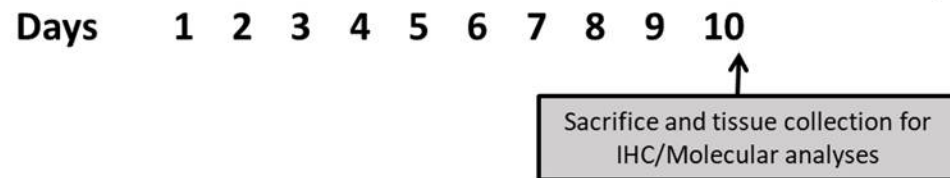


A. Experimental design for animal studies

0 hr. time point (tissue collection immediately after the last stress episode)

Male mice 6-8 weeks old

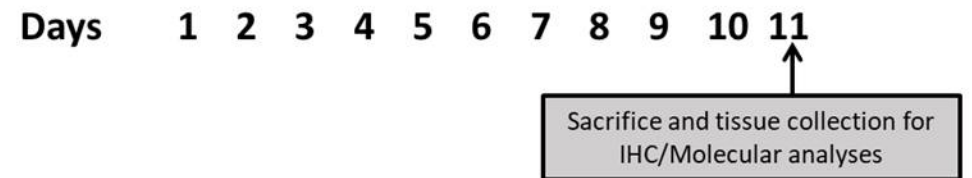
10 days social defeat



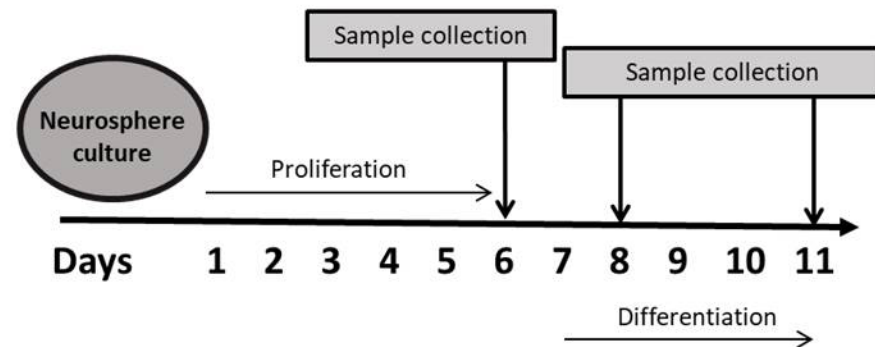
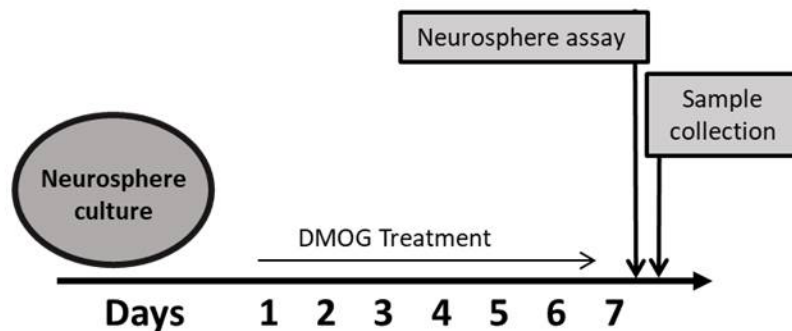
24 hr. time point (tissue collection 24hr after last stress episode)

Male mice 6-8 weeks old

10 days social defeat



B. Outline for the *ex-vivo* NSCs/NPCs culture experiments



C. *In vivo* DMOG administration

Male mice 6-8 weeks old

10 days of DMOG injection (40mg/kg)

