Division of Medical Sciences

tr glia are ey player in t e n tru ti n neur nal netw r in de el p ent, and neur nal pla ti ity in adult d, in luding t e pr du ti n ynapt geni ue integral t ynapti pla ti ity. ntere tingly, any t e e pr e e are ediated y ex and ex r ne. n t i tal, will draw up n ur a tr glial ell-pe i i equen ing and ur ingle ell equen ing tudie t de n trate ey ex di eren e in a tr glial aturati n and un ti n er de el p ent, and integrate a ellular y te -le el under tanding w glia and ex ediate tre -indu ed ulnera ility t d di rder in t e adult rain.