

PDL stock (poly-D-lysine -- Sigma P-0899)

1 mg/ml in DI water

Sterile filter it (500 ml, 0.2 μ m Nalgene filter -- e.g. 165-0020 is 150 ml from VWR)

Neurobasal Medium (regular, not A)

Gibco/Invitrogen 21103-049 (500 ml). Tissue culture facility can sell one bottle at a time (~\$18 right now).

- + Whole bottle of B27 added to each Medium bottle (10 ml). 17504-044 Gibco (also Tissue Culture Facility).
- + 5 ml glutaMAX-1 (100x) 35050-061 Gibco. Aliquot original to 5 ml each and freeze stocks.
- + 10 μ l Gentamicin (15750-060 -- although may be able to use theirs since they've been using the same stock for a long time. It's not refrigerated. Don't let pipette tip touch edge of bottle or you might contaminate stock.
- + FUDR for her own stocks. All of her personal media has FUDR in it. About 8-10 DIV, when glial cells are about 80% confluent, adds 2 μ l/well from 1000x stock (500 μ l/500 ml solution for Media w/FUDR). This gets the FUDR concentration up to correct level for 2 ml, then after that just feeds cells with FUDR-containing Media.

FUDR stock

1000x stock is 10 mM FUDR (F-0503, 100 mg Sigma) ~25 mg,

URIDINE (U-3003, 5 g Sigma) 24 mg,

plus DI water to 10 ml.

Sterile filter.