Set up Poly-L-Lysine coated cover slips on 6-well plates

Poly-L-Lysine bought from SIGMA, is prepared as a stock of 5mg/mL in dH_2O and then aliquotted into 40µL portions.

- Before coating your cover slips, dilute the 40µL stock solution 1:500 in dH_2O (that is 40µL in 20mL) then filter sterilize the solution in tissue culture cabinet.
- Add 1-1.5mL of the sterile poly lysine solution onto your cover slips (in wells) and try to push the cover slip towards the bottom of the well with a sterile needle or so, just to make sure that the solution covers the entire cover slip.
- Incubate the cover slips with the "coating material" at room temperature for ≥ 1hour.
- When you are ready to seed your cells, following normal tissue culture practice, aspirate the poly lysine solution and wash the cover slips once with normal medium (i.e. 10%FCS+DMEM).
- The cover slips should be ready now to have cells on them.

You will notice that the appearance (morphology) of cells changes on coated cover slips and they may grow at a bit slower rate. If so, then you can always seed them at normal density but then you can leave them for 2 days before transfecting them.