TEM preparation protocol:

1. Grow up cells to mid log phase.
2. Spin down the cells and wash with 0.9% saline.
3. Normalize to OD 1.0
4. On a piece of parafilm, place 20ul droplets of your samples in a row.
5. Place two rows of 20ul of water and then a row of 20ul of uranyl acetate droplets below the first row.
6. Using tweezers, pick up the EM plate by the edge and soak it in the sample droplet for 2 min. Dry off the plate and tweezers between soakings by touching a paper towel.
7. Soak the plate in the water droplet for 3 sec. Repeat this step in the next water droplet.
8. Soak the plate in uranyl acetate for 1 min.
9. Dry the plate and tweezers off by touching a paper towel and store the plate.