

## **Imaging Cores – Electron Cell Culture Samples for TEM**

### **Preparation performed by investigator prior to sample submission to the Core Facility**

#### ***Primary Fixation***

- Cell culture media is removed from culture plate and washed 3 times with 0.1M PIPES or PBS buffer (pH 7.2 - 7.4).
- Fixation of cells with glutaraldehyde 2.5 % (EM grade) freshly prepared in 0.1 M PIPES or PBS (pH 7.2 – 7.4) buffer for 30 min to 1hr at RT.
- Rinse 3 x 5 min with PIPES or PBS as before.
- Scrape the cells from culture plate in buffer, spin down and pellet at 1000 g for 5 min in 1.7 ml Eppendorf tube identified with permanent label. Please make sure to obtain a visible pellet (~1 million of cells).
- **Submit fixed samples to the Core Facility in PBS buffer.**