Media Preparation

- A549 cell media:
  - F-12K, 1X (Ham's F-12K Nutrient Mixture, Kaighn's Mod.) w/ L-glutamine with 10% FBS and 1% PS
    * Base: 500 mL F-12K, 1X (Ham's F-12K Nutrient Mixture, Kaighn's Mod.) w/ L-glutamine (Corning 10-025-CV)
    * 5 mL Penicillin-Streptomycin (PS)
    * 50 mL FBS
- DLD1 cell media:
  - RPMI media 1640 (1x) w/ 10% FBS, 1% PS, and 0.5% Amphotericin B
    * Base: 500 mL RPMI Medium 1640 (1X) w/ L-Glutamine and 25 nM HEPES (gibco 22400-089)
    * 5 mL Penicillin-Streptomycin (PS)
    * 50 mL FBS
    * (Need to figure out what concentration is added to DLD1 cells)
- HK2 cell media:
  - DMEM/F-12 with 5 µg/mL insulin, 0.02 µg/mL dexamethasone, 0.01 µg/mL selenium, 5 µg/mL transferrin, 2 mM L-glutamine, and 10% FBS
    * Base: 500 mL DMEM/Nutrient Mixture F-12 HAM w/ 15 mM HEPES and sodium bicarbonate w/o L-glutamine, liquid, sterile filtered. DMEM/F-12 1:1 mixture. Impurities: endotoxin tested
    * 5 mL of 100X insulin, selenium, and transferrin mixture
    * 0.5 mL 20 µg/mL dexamthasone (stock 20 mg/ml so this is 1:1000 dilution)
    * 5 mL 200 mM L-glutamine
    * 50 mL FBS
- RPE-PCNA-p21 cell media:
  - DMEM with 2x GlutaMax (GIBCO 35050), 1% PS and 10% FBS (**Note: Corning(Mediatech) 25-052-Cl 0.05% trypsin with EDTA used by lab who sent it to us)
    * Base: 500 mL DMEM (high glucose) without L-glutamine (Guang Yao lab uses Corning 15-013-CV)
    * 10 mL 100x GlutaMax (GIBCO 35050)
    * 5 mL Penicillin-Streptomycin (PS)
    * 50 mL FBS