**For Hsinhwa**

Module 1 Measuring Genomic Instability

Number of groups: 9, so prepare 11 aliquots

**Week 1: September 12, 2016**

**Day 1 (T/W)**

**Per group:**

* Aliquot 50 mL 1x PBS per group **(label: PBS)**
* In TC room, aliquot 15 mL of “TK6 media” **(label: TK6 media)**

**Day 2 (R/F)**

**Per group:**

* Aliquot 10 mL 1x PBS **(label: PBS)**
* And separately, in the TC hood, aliquot 10 mL 1x PBS **(label: PBS)**

**Leslie & Maxine will prepare:**

* Prepare 4 x 2 mL tubes of 0.3% LMP agarose, per group

**Week 2: September 19, 2016**

**Day 3 (T/W)**

**Leslie & Maxine will prepare:**

* 1% LMP agarose
* H2O2 and MMS
* Alkyline lysis solution
* Alkyline electrophoresis buffer
* Neutralization buffer
* SYBR Gold buffer

**Week 3: September 26, 2016**

**Day 4 (T/W)**

**Per group:**

* Aliquot 15 mL 1x PBS **(label: PBS)**

**Leslie & Maxine will prepare:**

* H2O2
* Alkyline lysis solution
* Warm culture medium

**Day 5 (R/F)**

**Per group:**

In TC room for all aliquots, leave at 4C:

* Aliquot 5 mL of 0.1% gelatin **(label: Gelatin)**
* Aliquot 10 mL of PBS **(label: PBS)**
* Aliquot 3 mL of 1X trypsin **(label: Trypsin)**
* Aliquot 15 mL of M059J/K media **(label: Media)**

**Leslie & Maxine will prepare:**

* M059J/K in T25 flasks

**Week 4: October 3, 2016**

**Day 6 (T/W)**

**Per group:**

* Aliquot 10 mL of 1x TBS **(label: TBS)**
* Aliquot 500 uL of 10% BSA, frozen stock in -20C **(label: 10% BSA)**

**Leslie & Maxine will prepare:**

* 10% BSA and freeze at -20C
* Triton X-100 at front bench
* Primary antibodies

**Day 7 (R/F)**

**Per group:**

* Aliquot 5 mL of 1x TBS **(label: TBS)**