

Syllabus distribution Bio 474 (ABR-AAR) W.

Lab. #	Date	Exp/Practical title	What is Due?
1	Sep. 2 18/11	Cell culture lab structure+ Laboratory Safety	
2	Sep. 9 25/11	Equipment of tissue culture Laboratory + how to operate them	Identify the types of basic equipments for cell culture lab and how to use them
3	Sep. 16 3/12	Types of media + Making Solutions	Preparation of serial concentration and different media types
4	Sep. 30 17/12	Contamination+ Methods of sterilization	Identify the types of contamination that appear in the cultures and learn sterilization techniques in the lab and during cultures
5	Oct. 7 24/12	Midterm	2-4
6	Oct. 14 1/1	Primary culture (Animal)+ Methods of tissue photos	Primary culture of specific cell types from chicken eggs or mouse embryos
7	Oct. 21 8/1	Subculture (Animal)+ take cultures photos	Do a subculture from Primary culture, changing media and imaging results
8	Oct. 28 15/1	Hemocytometer	Do count cells using the Hemocytometer slide
9	Nov. 4 22/1	Plant culture (seeding)	Cultivation work for several types of plant seeds
10	Nov. 11 29/1	Plant culture	explant
11	Nov. 18 6/2	Cryopreservation	Keep cells
12	Nov. 25 13/2	Revision	-----
13	Dec. 9 27/2	Final exam	

Syllabus distribution Bio 474(FAR)R. 8-11

Lab. #	Date	Exp/Practical title	What is Due?
1	Sep. 3 19/11	Cell culture lab structure+ Laboratory Safety	
2	Sep. 10 26/11	Equipment of tissue culture Laboratory + how to operate them	Identify the types of basic equipments for cell culture lab and how to use them
3	Sep. 17 4/12	Types of media + Making Solutions	Preparation of serial concentration and different media types
4	Oct. 1 18/12	Contamination+ Methods of sterilization	Identify the types of contamination that appear in the cultures and learn sterilization techniques in the lab and during cultures
5	Oct. 7 24/12	Midterm	2-4
6	Oct. 15 2/1	Primary culture (Animal)+ Methods of tissue photos	Primary culture of specific cell types from chicken eggs or mouse embryos
7	Oct. 22 9/1	Subculture (Animal)+ take cultures photos	Do a subculture from Primary culture, changing media and imaging results
8	Oct. 29 16/1	Hemocytometer	Do count cells using the Hemocytometer slide
9	Nov. 5 23/1	Plant culture (seeding)	Cultivation work for several types of plant seeds
10	Nov. 12 30/1	Plant culture	explant
11	Nov. 19 7/2	Cryopreservation	Keep cells
12	Nov. 26 14/2	Revision	-----
13	Dec. 9 27/2	Final exam	