



Environmental Health & Safety

FLORIDA INTERNATIONAL UNIVERSITY

Jobs Hazard Analysis (JHA)

DATE: Feb 10 2017

TOOLS/EQUIPMENT REQUIRED

- Nitrile Gloves
- Lab Coat
- Tyvek overcoat
- Surgical mask (optional)
- Goggles (optional)

JOB/ACTIVITY/TASK NAME:
Media Change & Treatment

MATERIAL REQUIRED

DEPARTMENT/GROUP NAME
Immunology

BLDG/AREA LOCATION(s):
AHC-1 Room 433

PRIORITY RANKING:

SEVERITY: 1=Imminent Danger 2=Serious 3=Minor 4=Not Applicable

PROBABILITY: A=Probable B=Reasonably Probable C=Remote
D= Extremely Remote

Severity (S) * Probability (P) = Priority Ranking (PR)

Example: An employee working at a height of 20 feet without fall protection:
S(1) * P(A) = 1A or Probable Imminent Danger

Step	Sequence Of Steps	Potential Incidents Or Hazards	Priority Ranking	Controls In Place	Controls In Place	Controls In Place	Revised Priority Ranking with additional controls
				Engineering	Administrative	PPE	
1	Clean up hood and set up hood for media change (waste container, ethanol, etc.)	1a bloodborne pathogens (spill) 1b allergic reaction	3B	BSL2 Hood	Media Changing Protocol	Tyvek Overcoat Lab Coat	3D – Make optional PPE required – glasses and mask in case of splash/exposure
2	Remove cell plate from incubator and place in 2A2 BSL Hood	1a slip trip fall 1b bloodborne pathogens (spill)	3C	BSL2 Hood	Media Changing Protocol	Tyvek Overcoat Lab Coat	3D – Make optional PPE required – glasses and mask in case of splash/exposure, provide slip trip fall training
3	Pipette cells from plates into plastic tube, seal tube	1a bloodborne pathogens (spill)	3C	BSL2 Hood	Media Changing Protocol	Tyvek Overcoat Lab Coat	3D – Make optional PPE required – glasses and mask in case of splash/exposure
4	Place tube in centrifuge	1a Strain 1b Slip trip fall	3C		Media Changing Protocol	Tyvek Overcoat Lab Coat	3D – Make optional PPE required – glasses and mask in case of

							splash/exposure, provide slip trip fall training
5	Remove tube from centrifuge and remove supernatant to waste	1a Strain 1b Slip trip fall	3B	BSL2 Hood	Media Changing Protocol	Tyvek Overcoat Lab Coat	3D – Make optional PPE required – glasses and mask in case of splash/exposure, provide slip trip fall training
6	Add new media and put in new plate	1a Strain 1b Slip trip fall	3C	BSL2 Hood	Media Changing Protocol	Tyvek Overcoat Lab Coat	3D – Make optional PPE required – glasses and mask in case of splash/exposure, provide slip trip fall training
7	Put plate in incubator	1a Slip trip fall	3C		Media Changing Protocol	Tyvek Overcoat Lab Coat	3D – Make optional PPE required – glasses and mask in case of splash/exposure, provide slip trip fall training

I understand & will adhere to the steps, hazards & controls as described in this JHA. I understand that performing steps out of sequence may pose hazards that have not been evaluated, nor authorized. I will contact my supervisor prior to continuing work, if the scope of work changes or new hazards are introduced. I understand I have the authority and responsibility to stop work I believe to be unsafe.

<u>Worker Name (please print)</u>	<u>Signature</u>	<u>Date</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I have reviewed the steps, hazards & controls described in this JHA with all workers listed above and authorize them to perform the work. Workers are qualified (i.e. licensed or certified, as appropriate, & in full compliance with FIU training requirements) to perform this activity.

_____	_____	_____
Supervisor	Signature	Date

REQUIRED ONLY FOR MAINTENANCE ACTIVITIES WHERE OCCUPANTS MAY BE AFFECTED BY THE TASK - I have communicated area hazards with the supervisor or listed worker(s) for this activity and have coordinated the described activity with affected occupants. The above listed workers are released to perform described scope of work in the following area(s): _____

_____	_____	_____
Area or Building Manager	Signature	Date