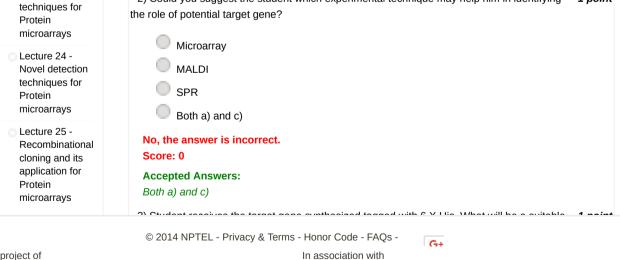


2) Could you suggest the student which experimental technique may help him in identifying 1 point the role of potential target gene?





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## Interactomics - - Unit 6 - Week 5

Weekly Feedback	Ce De None of the above
Quiz : Week 5 Assignment 5	No, the answer is incorrect. Score: 0
Assignment 5	Accepted Answers:
Week 5 Assignment 5	Peptide fusion tag
Solutions	4) Student isolated RNA of A. baumannii and converted it to cDNA. He got good amount of <b>1</b> point cDNA. Can he validate the role of the gene by
Week o	
Week 7	<ul> <li>Peptide fusion tag</li> <li>Chemical linkage</li> </ul>
Week 8	
	None of the above
	No, the answer is incorrect.
	Score: 0
	Accepted Answers: NAPPA
	5) As per the bioinformatics studies, student got to know that the target protein is a kinase <b>1</b> point substrate. What will be the best technique to identify such proteins?
	Horseradish Peroxide labeling
	Fluorescence labeling
	Label free
	Radioactivity labeling
	No, the answer is incorrect. Score: 0
	Accepted Answers: Radioactivity labeling
	<ul> <li>6) Condition 2. A researcher, Ram came across two samples, one was mixture of proteins <b>1</b> point while another was purified protein. He want to detect multiple proteins with high accuracy. Answer questions 6 to 10 based on this context.</li> <li>Will SWNT be a good choice to detect multiple targets with high accuracy?</li> </ul>
	True
	False
	No, the answer is incorrect.
	Score: 0
	Accepted Answers: True
	7) While preparing the solution of nanoparticles with the mixture of sample, some metal salts <b>1</b> point
	adulterated the solution. What will be the effect of this adulteration on the signals?
	Signals will enhance while noise will reduce
	Signal and noise will decrease
	Signal and noise will remain unchanged
	Signal will decrease while noise will increase
	No, the answer is incorrect. Score: 0

Accepted Answers:

## Signal will decrease while noise will increase

8) Ram decides to label the antibodies using fluorescent labels for detecting two different **1** point proteins from a cell lysate. He used two different labels, one label 'X', which has absorbance at 380nm while emission at 520 nm, second label 'Y' which has absorbance at 520 nm and emission at 680 nm. What is the expected labels he will see in the result file?

Both labels		
Only X Label will be visible		
Only Y label will be visible		
None of the labels will be visible		
No, the answer is incorrect. Score: 0		
Accepted Answers: Only Y label will be visible		
9) From Q8, what can be the possible reason for the outcome of the result?	1 point	
<ul> <li>Absorbance and emission wavelength of the fluorescent labels should be overlappin</li> <li>Absorbance and emission wavelengths of the labels should never be overlapping</li> </ul>	ıg	
Absorbance and emission wavelength should be equal		
None of the above		
No, the answer is incorrect. Score: 0		
Accepted Answers:		
Absorbance and emission wavelengths of the labels should never be overlapping		
10)Which of the following is not having property of cytotoxicity?	1 point	
Quantum dots		
Gold Nano particles		
Both of the above		
None of the above		
No, the answer is incorrect. Score: 0		
Accepted Answers: None of the above		
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