Scoring Rubric for Oral Scientific Presentation_Assessment 1A

- Discuss the importance of analysing your dataset to advance research and provide knowledge
- The talks provide some background and rationale to why RNA sequencing analyses is a good approach for this particular study
- You only have 10 minutes so you don't need to comprehensively cover the source paper-this is not a journal club.
- You don't have to explain the technical pipeline of RNA-sequencing or the bioinformatic analyses of RNA-seq.
- Provide some background to the disease/disorder.
- Select the most interesting relevant aspects-the major finding and the most important graphs/data that support that finding.
- Your target audience is your Peers.

Level of Achievement	Excellent 16-20 points	Good 11-15 points	Marginal 6-10 points	Inadequate 0-5 points
Organization	- Well thought out with logical progression - Use of proper language - Significance clearly stated - Content level appropriate for audience - Strongly justifies the use of RNA-seq in the study	- Easy to follow - Use of proper language - Significance clearly stated - Content level not always appropriate for audience - Justifies the use of RNA-seq in the study	- Talk somewhat disorganized - Shows some effort to use proper language - Significance somewhat unclear - Includes some irrelevant content and inappropriate content level - Justification for the use of RNA-seq in the study is weak or unclear	- Talk difficult to follow - Unclear language - Does not understand significance of work - Inadequate content - No justification given for the use of RNA-seq in the study
Understanding of Scientific Content	- Identifies the research question - Critically evaluates the use of RNA-seq in the original study - Scientifically rigorous and well researched	- Identifies the research question - Basically evaluates the use of RNA-seq in the original study - Well researched	- Research question somewhat unclear - Description of the use of RNA-seq in the study somewhat confusing - Does not integrate outside readings	- Does not understand the research - Does not understand point of RNA-seq as an approach in the study

Style/Delivery	• Uses time wisely • Speaks with good pacing and enthusiasm • Makes eye contact and does not read information • Uses engaging tone and appropriate vocabulary	• Speaks well, but often repeats comments • Makes eye contact • Uses good vocabulary and tone	• Presentation poorly timed • Some hesitation and uncertainty are apparent • Makes little eye contact and looks at notes • Monotone and non-engaging delivery	• Presentation poorly timed • Makes no eye contact and reads from notes • Hesitation and uncertainty are very apparent • Speaks too quietly or quickly for audience to hear and understand
Use of Visual Aids	• Size and labels are clear • Very little text • Figures and images explained and described well • Makes highly effective use of laser pointer and or animations	• Text appropriately sized • Very little text • Most figures and images explained and described well • Uses laser pointer and animations effectively	• Labels and legends somewhat unclear • Text size somewhat small • Figures are explained • Uses laser pointer/animations unnecessarily	• Labeling is not clear • Size is too small to see • No logical placement of information • Mostly text and very few images • Figures are not explained • Use of laser pointer/animations are distracting
Ability to Answer Questions	• Understands audience questions • Can integrate knowledge to answer questions • Thoroughly responds to questions	• Understands audience questions • Can integrate knowledge to answer questions • Thoroughly responds to most questions	• Makes an effort to address questions • Can address some questions • Often responds poorly to • questions	• Either makes no effort to respond to questions or does so poorly