"Frontiers in physiology" review form example

Assignment type:

Students write a 250 word summary in lay language for each of two lectures of their choosing from a suite of 6 Frontiers lectures (lectures on current topics of interest in Physiology). Students must also choose a piece of data or technique from each of these two lectures and in scientific language describe it s relevance to the topic as presented in the lecture. This writing should convince there reader that the writer understands the data/method and its relevance (i.e. is not simple a paraphrasing of what was presented in the lecture). The assignment is 4 x 250 words (2 x 250 Lay, 2 x 250 Science).

Review form:

Lay Component #1: Please rate the First Lay component of the assignment by completing the questions below

1. The Lay Summary is a well written and clear description of the lecture

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

   Comments/Justification:

2. The Lay description uses precise and relevant sentences to summarise the lecture

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

   Comments/Justification:

3. The Lay summary uses language that could be understood by a lay reader

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

   Comments/Justification:

4. The following terms have simpler (lay) alternatives that should have been used (e.g. neuron - nerve cell; hypertension - high blood pressure)

Science Component #1: Please rate the First Science component of the assignment by completing the questions below.

5. The scientific description was clear and precise

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

Comments/Justification:

6. A key result was clearly identified and its relevance to the lecture was explained well.

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

   Comments/Justification:

7. I was convinced that the author understood the result and relevant methodology and its context to the lecture.

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

   Comments/Justification:

Lay Component #2: Please rate the Second Lay component of the assignment by completing the questions below

8. The Lay Summary is a well written and clear description of the lecture

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

   Comments/Justification:

9. The Lay description uses precise and relevant sentences to summarise the lecture

   Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

   Comments/Justification:

10. The Lay summary uses language that could be understood by a lay reader

    Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

    Comments/Justification:

11. The following terms have simpler (Lay) alternatives that should have been used (e.g. neuron - nerve cell; hypertension - high blood pressure)

For more information about student peer review, visit: **http://peerreview.cis.unimelb.edu.au**

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Science Component #2: Please rate the Second Science component of the assignment by completing the questions below.

12. The scientific description was clear and precise:

Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

Comments/Justification:

13. A key result was clearly identified and its relevance to the lecture was explained well.

Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

Comments/Justification:

14. I was convinced that the author understood the result and relevant methodology and its context to the lecture.

Strongly Disagree / Disagree / Neutral / Agree / Strongly Agree

Comments/Justification:

15. (Optional): General comments

Feedback form:

1. This review helped me improve my Lay summaries

    Strongly Agree / Agree / Undecided / Disagree / Strongly Disagree

2. This review helped me improve my scientific descriptions

    Strongly Agree / Agree / Undecided / Disagree / Strongly Disagree

    Comments/Justification:

3. The review was **balanced**: it highlighted both strengths, and areas for improvement

    Strongly Agree / Agree / Undecided / Disagree / Strongly Disagree

4. The review was **insightful:** the reviewer pointed out things I hadn't thought of myself

    Strongly Agree / Agree / Undecided / Disagree / Strongly Disagree

5. The review was **helpful**: it contain specific suggestions that I will be able to implement.

    Strongly Agree / Agree / Undecided / Disagree / Strongly Disagree

6. The review was **clear**: the comments were well-written and easy to understand

    Strongly Agree / Agree / Undecided / Disagree / Strongly Disagree

7. The review was **authoritative:** the reviewer clearly understood the material

    Strongly Agree / Agree / Undecided / Disagree / Strongly Disagree

8. Please provide comments/justification for the above:

9. I would take the opportunity to participate in peer review again
    Yes / No

    Comments/Justification: