**Week-8 Assignment**

The following assignment has been approved by the instructors. For your assignment to be accepted, please follow the instructions and submit your work before the deadline.

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**Week-8 Assignment**

Due on 2019-10-23, 23:59 (ET)

**What to submit:**
- Submit your assignment through the online submission portal.

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**What is required:**
- Submit your solutions to the following problems:
  - Problem 1:
    - Describe the impact of proteomics on drug discovery.
  - Problem 2:
    - Calculate the ratio of abundance of proteins using mass spectrometry data.
  - Problem 3:
    - Analyze the role of mass spectrometry in identifying post-translational modifications.

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**Additional Resources:**
- Accessible databases for proteomics research.
- Clinical applications of proteomics in disease diagnosis.

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**Grading Criteria:**
- **Problem 1:**
  - 10 points for a detailed description of the impact.
- **Problem 2:**
  - 15 points for a correct calculation.
- **Problem 3:**
  - 20 points for a comprehensive analysis.

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**Submission Instructions:**
- Submit your assignment in PDF format.
- Follow the specific formatting guidelines provided in the assignment instructions.

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If you encounter any issues during submission, contact the support team for assistance.

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Good luck with your assignment!