

Supplementary Material 2, SM2. DEAb a activity perception survey. These questions were administered to students after the application of the DEAb a methodology. Responses to these questions were rated on a 1-10 Likert.

Question 1. Did you find this type of exercise an interesting way to approach the study of metabolism?

Question 2. Would you have preferred not to have done these types of activities, and have them replaced with more "analysis and exposition" exercises?

Question 3. Would you have preferred not to have done these types of activities? (And approach the course with only the theoretical part)

Question 4. Did you find these types of exercises useful for learning the course content?

Question 5. Did they help you better understand and prepare for the theoretical part of the course?