

**Biology 100: Exploring Biology**  
**Prof. Trueba**

**Assignment name:** Scientific article about advances in medicine

**Due date:** See deadline in syllabus in Blackboard as well as in the announcements and calendar

**Purpose:** The purpose of this assignment is to help you find, evaluate, use, and cite valid sources in scientific reasoning and/or inquiry, and read and summarize information from popular science sources

**Knowledge:** This assignment will also help you become familiar with advances in science and biotechnology as it relates to Unit 2 of the course as well as Information Literacy

**Task:**

- 1- Locate a reliable internet resources that deals with Advances in Medicine and Biotechnology:
  - a. The publication date of the article must be within the last four years
  - b. You must include the article link so your instructor can read the original article
  - c. Reliable internet resources include:
    - i. Scholarly, peer reviewed articles or books
    - ii. Professional articles or books
    - iii. Some magazine or newspaper articles
    - iv. Consult with a CCBC librarian if you have questions about the reliability of your sources: <https://library.ccbcmd.edu/>
  - d. Read and summarize the article in your own words and relate the article to the Unit 2 in your book:
    - i. Include your name, the instructor's name, the due date, the link to the original article, and the assignment name as the cover page
    - ii. Using standard academic English, type a 500-700 words summary of the article, double spaced, 12 font size using Times New Roman or Calibri, standard margins
    - iii. Use at least six in-text citations and at least three APA references. Referencing and in-text citing in APA style: <https://libraryguides.ccbcmd.edu/Citations/apa>
    - iv. Relate the article to one of the topics from Unit 2 from your book and explain why the article relates to the topic. This portion should consists of 200-300 words of your total number of words of 500-700.
  - e. Submit your file in the SafeAssign tool in Blackboard in the designated Assignment Tab for this unit

**Criteria for success:**

- 1- The assignment is submitted by the deadline
- 2- The assignment has a completed and accurate summary of the article in standard academic English and includes the article link that will allow your instructor to read the original complete article. The summary contains the number of words indicated
- 3- The assignment includes in-text citations and references in the correct format
- 4- The assignment explains a connection to the Unit from the book and it contains the number of words indicated
- 5- The assignment is formatted following directions
- 6- The rubric that your instructor will use to grade this assignment is available in Blackboard

**Biology 100****Prof. Trueba****Discussion Board Assignment Post AND Reply:**

Provide an example of an organism outside of the plant kingdom that uses photosynthesis to build glucose OR name one organism outside the animal kingdom that undergoes cellular respiration. For either scenario, provide a brief explanation of how the organism uses that specific metabolic pathway.

Reply to another member of your group identifying strength and weaknesses of their post and comment on at least one idea you find interesting.

Biology – Prof. Trueba

Rubric for Informal Assignment (discussion board)

- Proficient:
  - Student posts and reply by deadline
  - Post is accurate naming the organism and explaining how the organism uses that specific metabolic pathway
  - The reply post includes comments of strengths/weakness plus comment on what they found interesting
- Competent:
  - Student posts and reply by deadline
  - Post is accurate naming the organism and explaining how the organism uses that specific metabolic pathway
  - Missing reply post
- Novice:

- Post and/or reply is late
- Missing portions of the post and the reply