

# **Module 7: Class Seminar**

# What's happening today?

1. Group discussion on your assigned case study (20 min)
  - Work on some sections of the **RNA Sequencing and Differential Abundance Analysis** template (posted on Blackboard)
2. Informal class presentation (30 min: 5 min/group)
3. **Class Participation:** Submit your **partially complete** template as a group on Blackboard at by **midnight today**.
  - Your submission is marked for **participation** (not completion).

# What's happening today?

Complete the following sections of the **RNA Sequencing and Differential Abundance Analysis** template:

1. Experiment Overview and Goals
2. Bioinformatics

Prioritize these key areas:

- Experimental design
- RNAseq and DGE analysis tool(s) and parameter(s)
- Propose rationale/biases in your design

## Tips:

- Refer to metadata stored in the GEO Accession associated with your assigned case study (see Module 14).
- You may use the author(s) protocols as reference to complete the template.
- Use the lecture/lab slides from previous modules.
- Lab 2 and Lab 3.