Lab 5: Physiology of the in situ Toad Heart

Marguerite Butler

2023-09-16

Table of contents

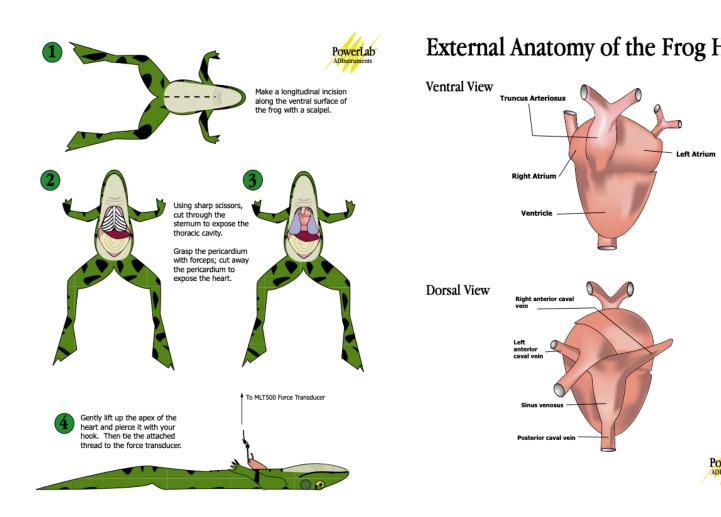
Before Lab	1
In Lab:	1
After Lab:	2

Before Lab

- i Prepare for lab by:
 - Wear shoes to lab (you will be dissecting).
 - Read the lab manual for this week's experiment [Lab 5] exploring the physiology of the toad heart using ECG and a force transducer.
 - Write the [Prelab] in your lab notebook.
 - Do Quiz 4 on Laulima (open 24 hrs before lab).

In Lab:

- Lab 5 manual [pdf] docx]. Record data in your lab notebook. Use the guidance at the end of the lab manual to analyze your data in preparation for your results and discussion.
- Dissection guide [pdf]
- Toad heart anatomy. Note that amphibians have a 3-chambered heart! Two atria and one ventricle. [pdf]



After Lab:

- Individual Work Sheet due next week [pdf] [docx]
- You will include hypotheses (sections 1 and 2), mini results (section 3), and a regular discussion. On this lab WS, put a little more effort into the discussion. For each section we ask for, always follow the content guidelines: [grading guidelines] [old style]
- You are encouraged to analyze data with your lab members, and may develop figures together, but all writing must be your own work.