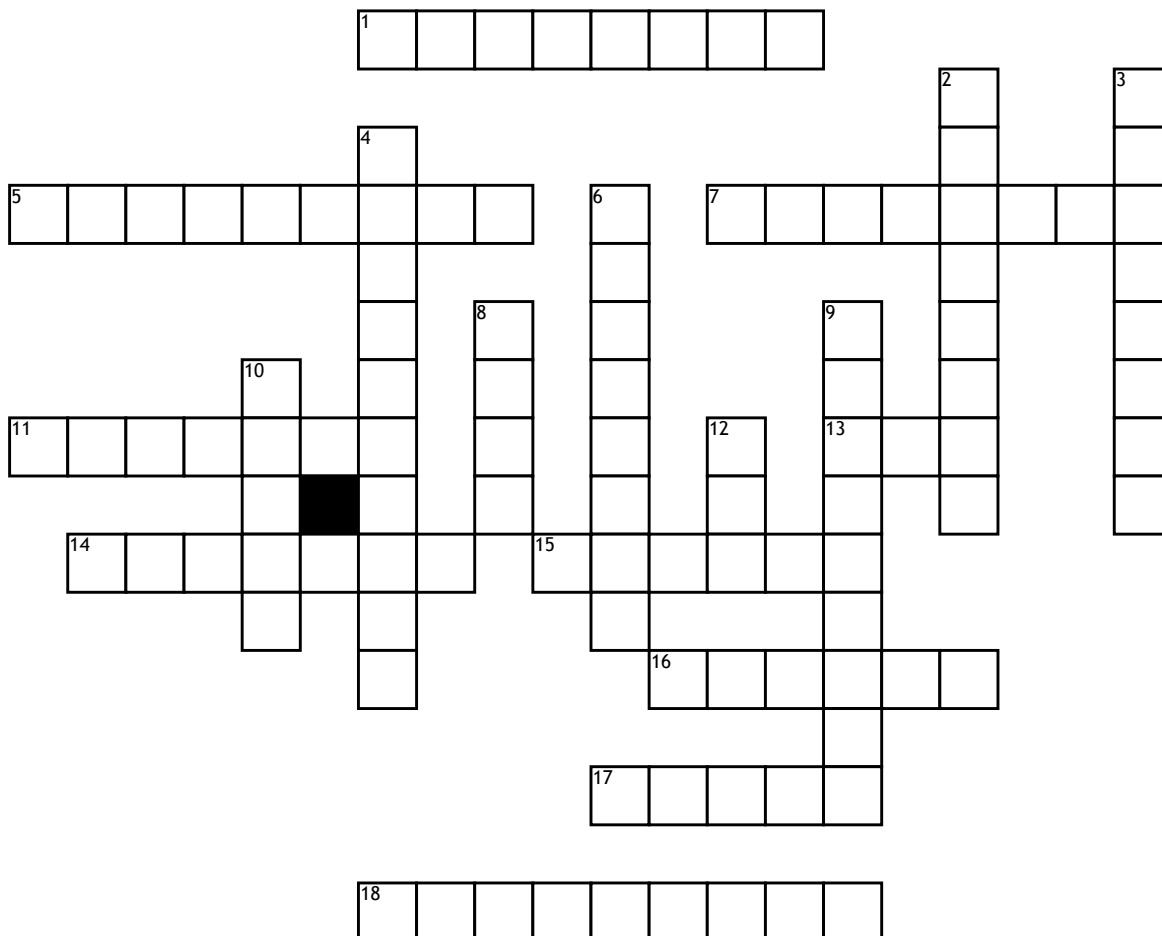


Name: _____

Date: _____

DEPARTMENT of CHEMISTRY and BIOCHEMISTRY SCAVENGER HUNT

**Across**

1. 3rd Floor Wick Science Building, Room 383: The instrument on your left is an NMR instrument. A proton NMR spectrum allows you to characterize the structure of a molecule by looking at its _____ nuclei (you can ask a faculty member for help).
5. 3rd Floor Wick Science Building New Addition, Hallways: Find the "Husky Volunteers for Science" display board - What famous person wrote the quote displayed on the board (last name)?
7. 3rd Floor Wick Science Building, Hallways: Find Dr. Mechelke's research group poster - What is the name of the natural product that Dr. Mechelke's research group used as a template for their chemotherapeutic drug design?
11. 3rd Floor Wick Science Building, Room 358: Look outside of Dr. Dvorak's office - What are the first two words on the sticker found on Dr. Dvorak's office door?
13. 1st Floor Wick Science Building, Dean's Office: What is the last name of the interim Dean of the College of Science and Engineering (the name can be found on the door)?

14. 3rd Floor Wick Science Building, Room 358: Look outside of Dr. Mechelke's office - What NFL football team does Dr. Mechelke think will win the Super Bowl this year?

15. 3rd Floor Wick Science Building, Room 383: What is the carrier gas used for the GC-MS instrument (you can ask a faculty member for help)?

16. 3rd Floor Wick Science Building, Room 358: What is the first name of the Department of Chemistry and Biochemistry's Office Manager?

17. 1st Floor Wick Science Building New Addition, Hallway: In the new addition hallway, the display cases are filled almost entirely with these animals.

18. 3rd Floor Wick Science Building, Hallways: Find Dr. Petitto's research group poster - What is the name of the iron oxide used in Dr. Petitto's research?

Down

2. 3rd Floor Wick Science Building, Hallways: Find Dr. Ramakrishnan's research group posters - What type of worms does Dr. Ramakrishnan's group perform research on?

3. 1st Floor Wick Science Building, Hallways (by East entrance): Look at the old NMR display - An NMR instrument contains a magnet that is approximately 7x stronger than a _____ magnet.

4. 3rd Floor Wick Science Building, Hallways: Find Dr. Jeannot's research group poster - What type of microextraction technique does Dr. Jeannot use to analyze compounds in very small concentration (two words)?

6. 3rd Floor Wick Science Building, Room 383: What is the name of the instrument that can be found directly to your right when you enter the room (you can ask a faculty member for help)?

8. 3rd Floor Wick Science Building New Addition, Room 314-1 - What four letter word is written on the sign on the stockroom door?

9. 3rd Floor Wick Science Building, Room 383: In a mass spectrometer, molecules are broken into _____ (you can ask a faculty member for help)?

10. 1st Floor Wick Science Building, Hallways: The display cases in the middle of the first floor are almost all filled with _____.

12. 1st Floor Wick Science Building, Hallways (by East entrance): Look at the display of the old NMR instrument - An NMR instrument is similar to what instrument found in a hospital?