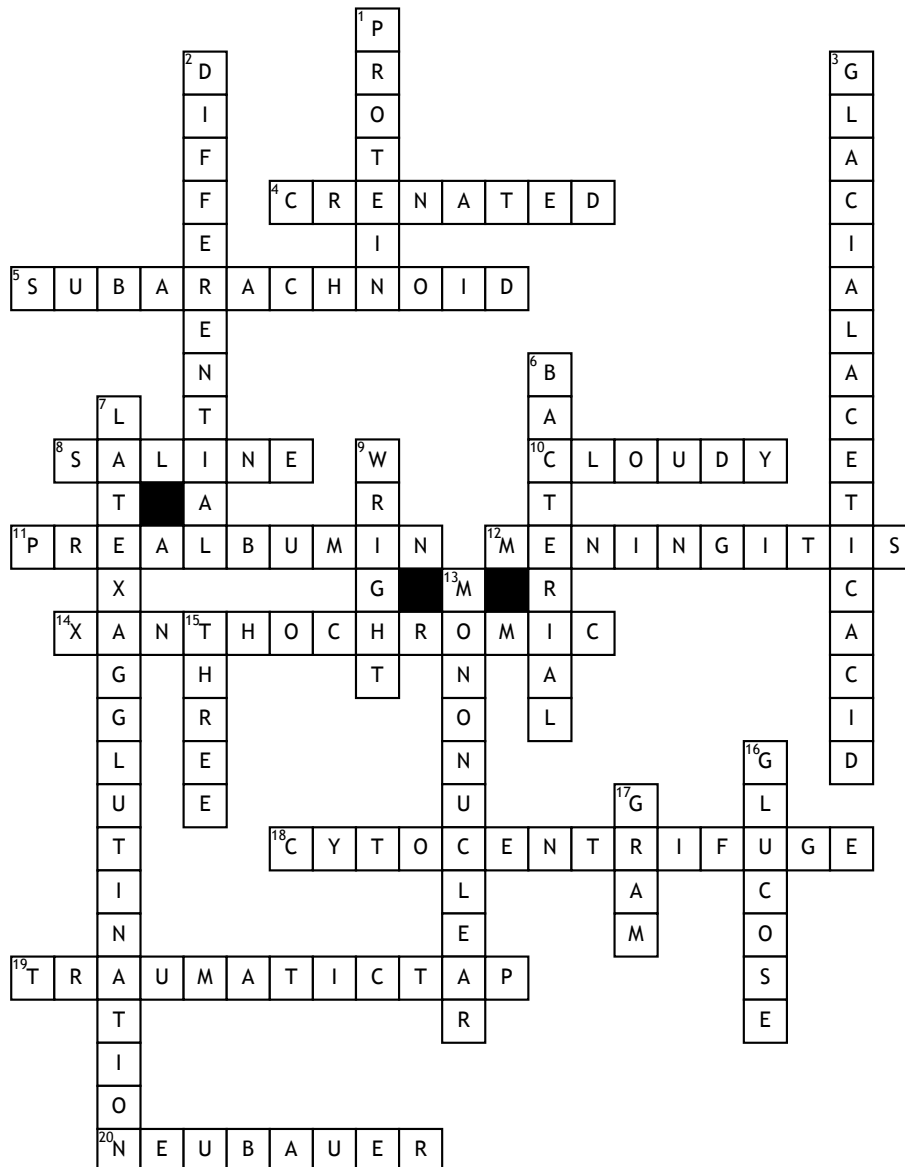


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Body Fluid Crossword Puzzle



## Across

4. Rippled red cell edges, usually not reported  
 5. Hemorrhage evidenced by pathologically even color in all CSF collection tubes.  
 8. Red cell diluent  
 10. Whitish CSF appearance, indicating infection, presence of cells, or other conditions.  
 11. "Extra" CSF protein electrophoresis fraction not seen in serum  
 12. Infection related inflammation of one of the linings of the brain.  
 14. Colored CSF appearance due to hemoglobin liberated from hemolyzed red cell.

18. Equipment used to concentrate cells without disrupting appearance, usually using albumin  
 19. Two-word non-pathogenic procedural cause of red cells in CSF.  
 20. Improved counting chamber used to count cells  
**Down**  
 1. Chemistry analyte present in higher levels in CSF with blood-brain compromise  
 2. Counting cell types to determine relative percentages.  
 3. Three word White cell diluent that destroys red cells and enhances white cell characteristics.  
 6. Infection type implicated on finding a predominance of neutrophils in CSS

7. Two-word method for direct antigen testing of CSF  
 9. Fluid used to stain morphologic characteristics of white cells for hematologic identification.  
 13. Not polynuclear  
 15. Tube number usually used for cell counts as it's less likely to be contaminated by peripheral RBCs  
 16. In CSF, normally about 65% of plasma value  
 17. Microbiology stain used to characterize bacteria.