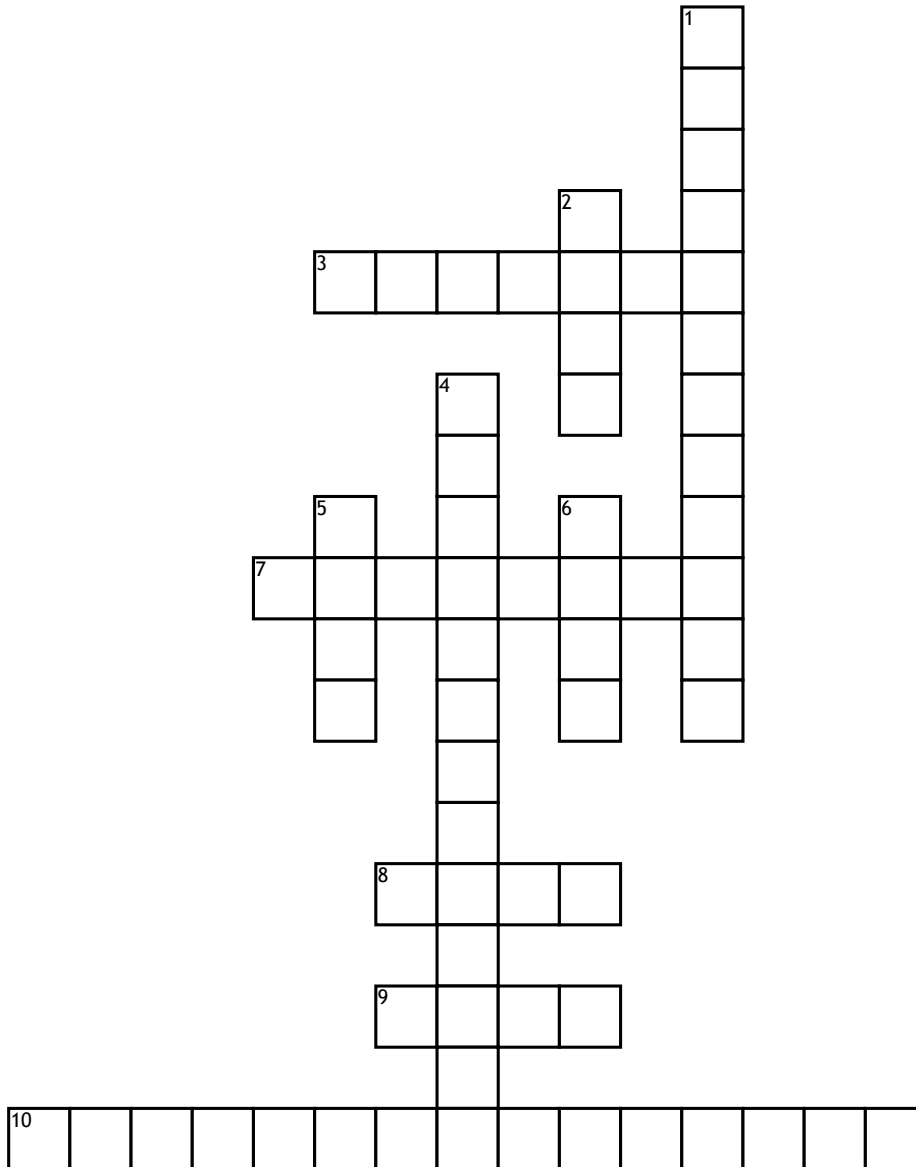


Name: \_\_\_\_\_

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

# JAK-STAT Pathway in RA



## Across

3. Active STATs dimerize and migrate to the \_\_\_\_\_.
7. Key players among receptor “super families” that mediate cytokine signaling
8. Responsible for host defense, epithelial wound healing, and inflammation
9. Responsible for innate and adaptive immune responses, epithelial wound healing, and inflammation
10. Enzymes that act like messengers for cytokines to transmit signals

## Down

1. Any of a family of four tyrosine kinases that associate with cytokine receptors
2. JAK kinases act inside the \_\_\_\_\_
4. Active JAKs \_\_\_\_\_ STATs
5. Responsible for antiviral immunity, epithelial wound healing and inflammation
6. Responsible for innate immune response and inflammation and has an exclusive role in production of RBCs and platelets