

36.2 Which of the following correctly represents the mechanism of action of tofacitinib in the treatment of RA?

- A. TNF- α inhibitor.
- B. Inhibitor of Janus kinases.
- C. IL-6 receptor blocker.
- D. Dihydrofolate reductase inhibitor.

36.3 A 64-year-old male presents with signs and symptoms of an acute gouty flare. His doctor wishes to treat him accordingly to improve his symptoms. Which of the following strategies would be the LEAST likely to acutely improve his gout symptoms and pain?

- A. Naproxen.
- B. Colchicine.
- C. Probenecid.
- D. Prednisone.

Correct answer = B. Methotrexate inhibits dihydrofolate reductase. Etanercept is a TNF- α inhibitor. An IL-6 inhibitor is tocilizumab. Tofacitinib is an inhibitor of Janus kinase 1, 3, and, to a lesser extent, 2.

Correct answer = C. Probenecid is a uricosuric agent indicated to lower serum urate levels to prevent gout attacks. It is not indicated during acute gout flares and should not be started until after the resolution of an acute attack. Naproxen, colchicine, and prednisone all represent viable treatment options that acutely reduce pain and inflammation associated with acute gout attacks.