

**MCB 7922**  
**Journal Club Colloquy**  
**Fall 2024**  
**Distance/Online Journal Club**

**Instructor: Dr. Peter E Kima**

Microbiology and Cell Science. Room 1005

**About the course:** We will explore the mechanisms of pathogenesis. Focus will be on infections by eukaryotic microorganisms often referred to as parasites. Students will read review and primary papers that explore specific topics in pathogenesis.

The course will have 4 blocks (major topica). Each block will commence with a review paper that will give an overview of the topic; thereafter, two primary papers that further explore well defined questions will be assigned.

**Expectation of students:** Students will be expected to read assigned papers. Students will then complete a quiz that will be generated from each assigned paper. Each quiz will be open for 2 weeks.

**Topic 1. T cell memory and infections**

August 22 – 30 – Review paper -(CD4+ T cell memory)

September 3 – 9 (primary paper 1)

September 10-16 (primary paper 2)

**Topic 2. Extracellular vesicles in Parasitic infections**

September 17-24 (Review paper)

October 1-8 (primary paper 1)

October 9-15 (primary paper 2)

**Topic 3: Malignancies associated with parasitic infections**

October 16- 22 (Review paper)

October 23- 30 (primary paper 1)

October 31<sup>st</sup> -November 10 (Primary paper 2)

**Topic 4. Neurological complications associated with parasitic infections**

November 11-18 (Review paper)

November 19-25 (Primary paper)