

Seminar in Inflammation**Biology 177/WW****Spring 2009**

Instructor: Professor David Cochrane
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Office hours: Tuesday 9:30-10:30am or by appointment

Time: Tuesday 3:00-4:15 pm & Thursday 3:00-5:20 pm

Location: Barnum 113

Grading: 50% Class Participation
50% Research Proposal
No exams – No text

Format: Lecture, reading, and discussion of papers from the contemporary literature.

Writing Workshop Component: In-class informal writing and out of class writing including a research proposal. We will use peer evaluation of writing, and we will, at times, read aloud what we have written and have group presentations. A journal is suggested for your writing.

Schedule

January	15 Th	Introduction to course – Overview of Inflammation
	20T	Soluble Components of Inflammation – Histamine, leukotrienes, prostaglandins, nitric oxide, etc.
	22 Th	Discussion/papers
	27 T	Soluble Components – Complement, kinins, neuropeptides
	29 Th	Discussion/papers
February	3 T	Soluble Components – Cytokines and chemokines
	5 Th	Discussion/papers
	10 T	Extracellular matrix proteins, adhesion molecules
	12Th	Discussion/papers
	17T	Cellular Components – Mast cells
	19 Th	(Monday Schedule – no class)
	24 T	Discussion/papers
	26 Th	Discussion/papers
March	3 T	Cellular Components – Neutrophils and Macrophages
	5 Th	Discussion/papers
	10 T	Cellular Components – Eosinophils and Platelets
	12 Th	Discussion/papers
	15-22	Spring Recess

24T Cellular Components – Endothelial Cells and Fibroblasts
26 Th Discussion/papers
31 T Healing and Wound Repair

April

2 Th Discussion/papers
7 T Inflammatory diseases
9 Th Discussion/papers
14 T Inflammatory diseases
16 Th Discussion/papers
21 T Open
23 Th Open

