

CAMB601: ADVANCED VIROLOGY SEMINARS

Spring 2012: Mondays 2:00-3:30 ; Rm 701 BRBII/III

Course Description: In this journal club-type course, students will present and discuss articles on the topics listed below. A “classic” and a modern paper will be assigned to each session. Students will analyze the importance of the classic paper by putting it into context, extracting its critical aspect and analyzing its impact. The recent paper will be analyzed critically by discussing its hypotheses and data. Grades will be determined by the quality of presentation and by the participation in discussions throughout the course.

* Schedule of topics may be subject to changes within the dates of the course.

DATE	TOPIC and VIRUS FAMILIES*	EXPERT
1/23/2012	INTRODUCTION	CLAUDE KRUMMENACHER
1/30/2012	Entry: Alpha- and Retroviridae	BOB DOMS
2/6/2012	Immune evasion: Poxviridae	STUART ISAACS
2/13/2012	Transformation: Polyomaviridae	JIM ALWINE
2/20/2012	Replication and tropism: Coronaviridae	SUSAN WEISS
2/27/2012	Gene regulation: Herpesviridae	PAUL LIEBERMAN
3/5/2012	SPRING BREAK	No class
3/12/2012	Immune modulation: Arenaviridae	GLENN RALL
3/19/2012	Vaccination: Pox- and Retroviridae	DAVID WEINER
3/26/2012	Spread and pathogenesis: Picornaviridae	JEFF BERGELSON
4/2/2012	DNA damage: Papillomaviridae	JIANXIN YOU
4/9/2012	Innate immunity: Orthomyxoviridae	CAROLINA LOPEZ
4/16/2012	Pathology: Retroviridae	KELLY JORDAN-SCIUTTO