

COLLEGE OF DENTISTRY
DEPARTMENT OF ORAL HEALTH SCIENCE

Memorandum

TO: Postgraduate Dental Students Enrolled in OBI 651

FROM: Jeffrey L. Ebersole, Ph.D., Course Director

SUBJECT: Course Information for OBI 651-Oral Biology for Postgraduate Dental Students II

A. General Information:

This lecture/seminar course provides a review of selected topics in the biological sciences. Emphasis is placed on the current literature for an in-depth study of those aspects particularly relevant to dentistry.

The course meets on Mondays from 8:00-10:00 a.m. in MN-202. The schedule below lists locations, topics and the faculty who will lead the sessions. The faculty will select the format for each topic - conference, seminar, discussion group, or lecture.

All course activities are conducted under the College of Dentistry Code of Professional and Academic Responsibility. The College has high expectations of each student concerning professional and academic responsibilities including self-governance. If you have questions about expected standards of behavior, it is your responsibility to discuss and clarify them with the course director.

B. Course Objectives:

- to **develop** the ability to present a well constructed literature review of a research topic,
- to **understand** strategies for mentoring students in research,
- to **relate** knowledge of biological and clinical sciences important to dental practice, and
- to **introduce** new concepts in oral sciences.

C. FACULTY

Name	Office	Phone	E-mail
George A. Davis	D-77	7-3378	gadavi00@uky.edu
Jeffrey L. Ebersole	D-544	3-5357	jleber2@uky.edu
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D. EXAMINATION

Your performance will be evaluated by a take-home exam. The examination falls within the purview of the College of Dentistry's *Code of Professional and Academic Responsibility* and rules set forth in the University of Kentucky's *Student Rights and Responsibilities*. If you have questions about these policies, please consult the course director before the examination.

E. EVALUATION AND GRADING

Your examination score will determine your course grade using the A-B-C-D-E grading system of the University of Kentucky Graduate School. Grades may be earned as follows:

- A = Outstanding (>94)**
- B = Excellent (87-93)**
- C = Very Good (78-86)**
- D = Good (70-77)**
- E = Unacceptable (<70)**

OBI 651 Course Schedule

Course Director: Dr. Jeffrey L. Ebersole
Hours and Day: Mondays from 8:00 – 9:50 a.m.

Session	Topic	Instructor
	Oral Biology Module	
1	Tooth Development/Dental Hard Tissues	R. Kovarik
	No class	
2	Biocompatibility/Biomaterials Interface	D. Puleo
3	Pharmacokinetics and Pharmacodynamics	G. Davis
4	Oral Side-effects of Medications	C. Miller
5	Antimicrobials and Antibiotics/ Anti-Inflammatory Drugs	K. Novak/ J. Novak
6	Head and Neck Infections	R. Haug
7	Infectious Diseases/Emerging Infections	J. Ebersole
8	Inflammation/Innate Immunity	J. Novak
9	Adaptive Immunity	J. Ebersole
10	Mucosal Immunity	C. Kaetzel
11	Systemic Manifestations of Oral Diseases: EXAM	M. Thomas: STAFF