

Special Topics in Biological Sciences: Genetically Modified Organisms

Instructor: Dr. Terry O'Brien
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Schedule-At-A-Glance, with Assigned Readings Fall 2007

Assigned readings below are in:

A: Avise, John C. 2004. The Hope, Hype and Reality of Genetic Engineering. Oxford University Press.

P: Pechenik, Jan A. 2006 (2007). A Short Guide to Writing About Biology, Sixth Edition. Pearson Longman Publishers.

	<u>Discussion Topic</u>	<u>Reading</u>	<u>Also ...</u>
Sept. 4	Introduction to the Course Why Genetically Modified Organisms? A Brief History of GMOs	Syllabus A: Preface, Chapter 1 P: 2-4; 26-32; 139-143	Orientation: Term Paper Topic and References
Sept. 11	What's in the Toolbox: Techniques Used in Creating GMOs	A: Chapter 2, Appendix P: 33-51; 76-82	Plagiarism, Falsification, Reference Lists Orientation: Panel Discussion
Sept. 18	Applications: Microbes (Panel Discussion)	A: Chapter 3	Preliminary Topic and References Due
Sept. 25	Applications: Agriculture (Panel Discussion)	A: Chapter 4 P: 5-9; 12-19; 139-150	Topics and References Returned Writing a Review Paper and The First Draft
Oct. 2	Applications: Domesticated Animals (Panel Discussion)	A: Chapter 5 P: 72-76; 251-255	Final Topic and References Due Citing Sources (and plagiarism, revisited) Who's the Audience?
Oct. 9	Applications: The Environment (Panel Discussion)	A: Chapter 6	Reading Proposal Due (no extensions granted)
Oct. 16	Applications: Healthy Humans (Panel Discussion)	A: Chapter 7	First Draft Due (no extensions granted) Reading Proposal Returned; Schedule Provided

Oct. 23	Ethics and Genetically Modified Organisms Handout (Panel Debate)		Presentations of Reading Topics
Oct. 30	Discussion of Issue or Application (Student Led Discussion of Reading)	TBA P: 2-14; 83-128	First Draft Returned Revising the Draft
Nov. 6	Discussion of Issue or Application (Student Led Discussion of Reading)	TBA P: 2-14; 83-128	(Carefully review readings in Pechenik)
Nov. 13	Discussion of Issue or Application (Student Led Discussion of Reading)	TBA P: 2-14; 83-128	(Carefully review readings in Pechenik)
Nov. 20	Discussion of Issue or Application (Student Led Discussion of Reading)	TBA	Suggestion: Turn In Revised Paper
Nov. 27	Discussion of Issue or Application (Student Led Discussion of Reading)	TBA	Revised Paper Due (no extensions granted)
Dec. 4	Discussion of Issue or Application (Student Led Discussion of Reading)	TBA	
Dec. 11	Discussion of Issue or Application (Student Led Discussion of Reading)	TBA	What Have We Learned?
Dec. 17-21	This course has no final exam		