

**COURSE TITLE:** COMMERCIALIZATION OF BIOLOGICAL RESEARCH  
**COURSE NUMBER:** BIOL-820\*  
**TERM OFFERED:** 2159 FALL 2015  
**INSTRUCTORS:** K KO/VK WALKER  
**CO-ORDINATOR:** K KO

**OUTLINE OF TOPICS:**

Current issues related to the biotechnological industry will be examined in detail. Topics may include grant writing, patenting, circumventing patents, confidentiality issues, funding sources, business development plans, venture capital investments, public awareness, public perspective, media presentation, and ethics.

**METHOD OF INSTRUCTION:**

The course is structured as if the participants will be establishing start-up biotech companies based on their own inventions. Exercises or study approaches may vary depending on the topic. Some topics may involve internet searches of funding sources, business statistics, marketing information, stock markets, and patents. Depending on the weekly topic, sessions will be for 2-3 hours per week. Guest instructors/speakers/facilitators may be invited when deemed appropriate.

**STUDENT PARTICIPATION:**

Participation is a key aspect of the course. Opportunities for participation will be provided through informal presentations and brain-storming sessions.

**EVALUATION:** Participation (20%), technology presentation (10%), press release (10%), business presentation (20%), investment analyst report (15%), and business plan (25%).

**TEXTBOOKS:**

No required text. We will be utilizing current media articles, financial newspapers, primary literature and research reviews (if appropriate), patents, annual reports of companies, and web-based resources.

**PREREQUISITES:**

A background in biological sciences.

**OTHER INSTRUCTIONS:**

Time and place of the first meeting will be determined by consensus at the beginning of the semester.

**EQUIVALENT:**

None.