

**LAB SCHEDULE**  
**MOLECULAR GENETICS, BIO 235**  
**FALL 2000**

<b>WEEK OF</b>	<b>LABORATORY</b>
August 28	Techniques for handling microorganisms
September 4	<i>Serratia</i> mutagenesis
September 11	<i>Serratia</i> mutagenesis, cont. Project outline due
September 18	<i>Serratia</i> projects
September 25	<i>Serratia</i> projects PCR setup
October 2	PCR analysis (electrophoresis and transformation) Discussion topics/references due
October 9	Presentation of PCR papers
October 13-23	FALL BREAK
October 23	Subcloning lab: digest, heat inactivate, EtOH precipitate and ligate; pour gels
October 30	Subcloning lab: transformation Project outline due
November 6	Subcloning lab: restriction analysis of mini-preps and transformation
November 13	Induction of the <i>lac</i> operon
November 20-24	THANKSGIVING - No lab
November 27	Subcloning lab: projects
December 4	Subcloning lab: projects