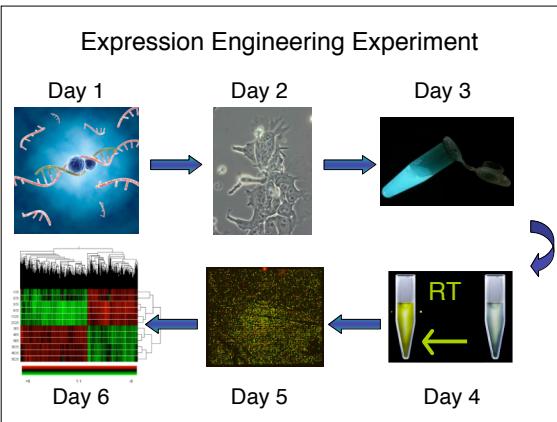
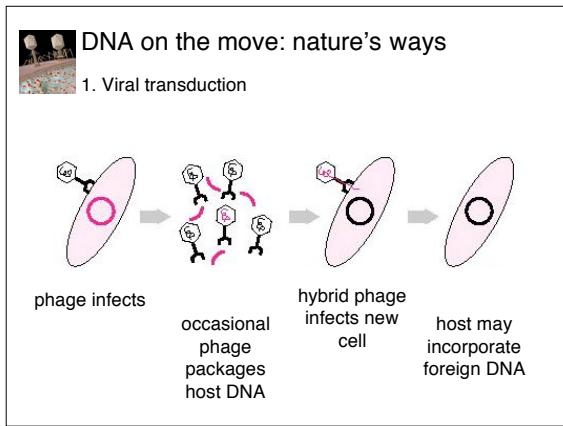


## Module 2: Expression Engineering

20.109  
Lecture 2  
October 16th, 2007



Expression Engineering Experiment	
<u>Lecture 1</u> • intro to cell culture • intro to gene exp'n/RNAi	<u>Lecture 2</u> • transfection • luciferase
<u>Lecture 3</u> • off-target/nonspecific RNAi	<u>Lecture 4</u> • Writing lecture (Neal Lerner)
<u>Lecture 5</u> • measuring gene express'n	<u>Lecture 6</u> • microarray analysis (Rebecca Fry)
<u>Lecture 7</u> • high throughput technologies or RNAi applications (no lab)	<u>Lecture 8</u> • review of your data




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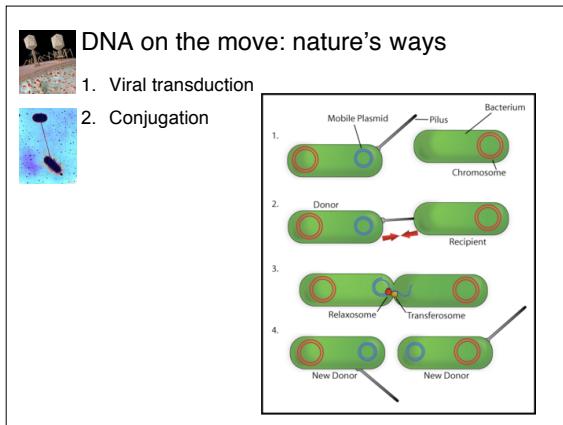
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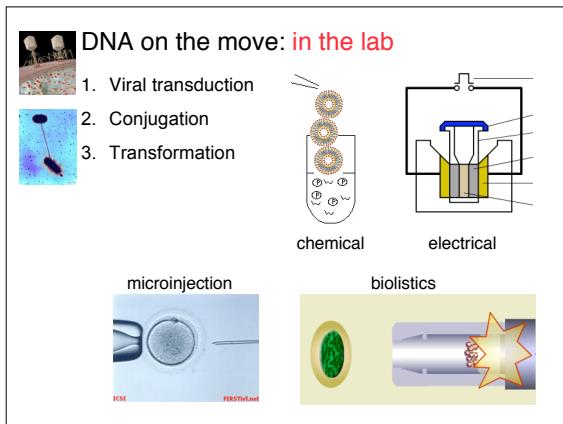
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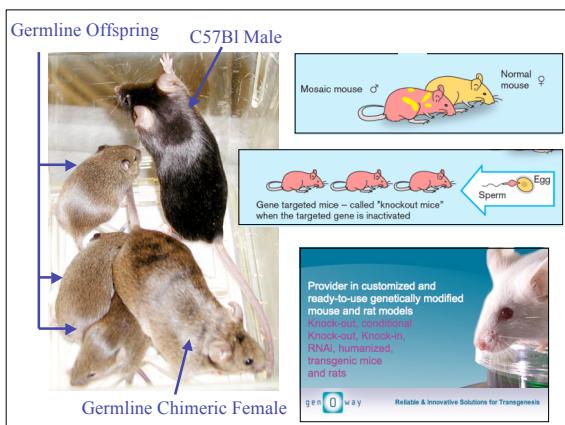
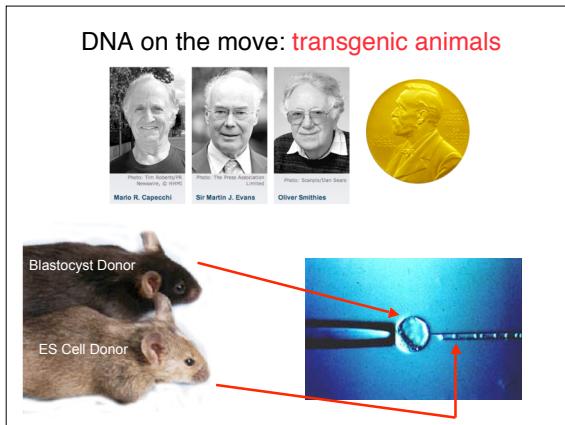
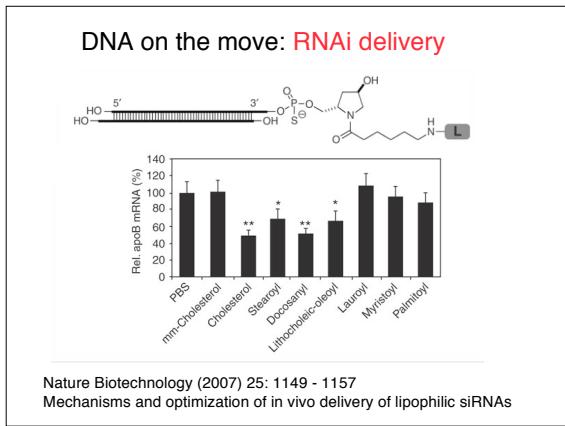
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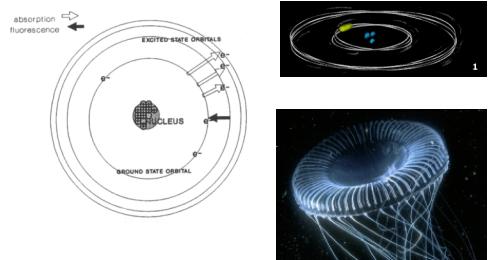
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### Fluorescence



<http://www.lifesci.ucsb.edu/~biolum/chem/>

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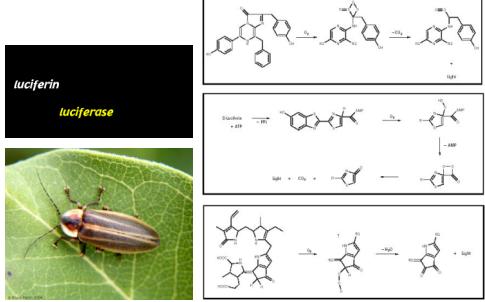
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### Bioluminescence



<http://www.lifesci.ucsb.edu/~biolum/chem/>

<http://www.chemistryexplained.com/Ar-Bo/Bioluminescence.html>

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