Chem 452 - Lecture 10 Signal Transduction & Sensory Systems	
Part 1	
$\ensuremath{\overline{\mbox{Question of the Day:}}}$ How is the coffee you drank this morning related to a second messenger?	

Introduction	n	
 Signal transduction involves the changing of a cell's metabolism or gene expression in response 		
to an external	stimulus.	
Epinephrine +	Insulin +	Epidermal growth factor (EGF) +
β-Adrenergic receptor	Insulin receptor	EGF receptor
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Energy-store	Increased glucose	Expression of
mobilization	uptake	growth-promoting genes
Chem 452, Lecture 10 - Signal Transduction 2		









































Next up	
 Lecture 10, Signal Transduction (cond). (Chapter 14) 	
Chem 452, Lecture 10 - Signal Transduction 17	