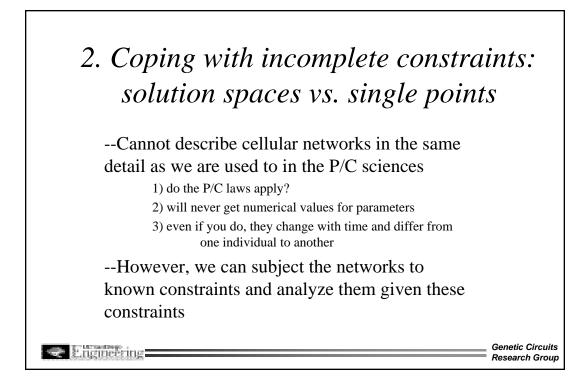
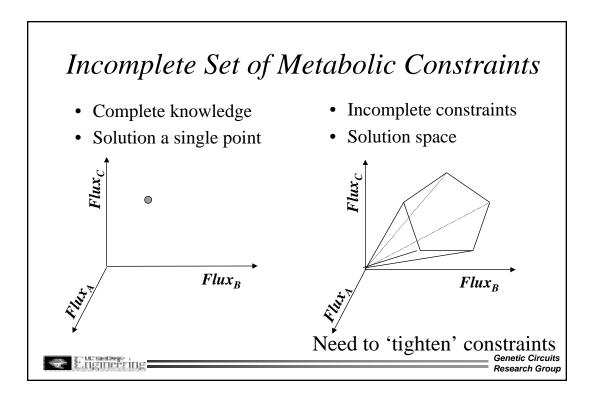
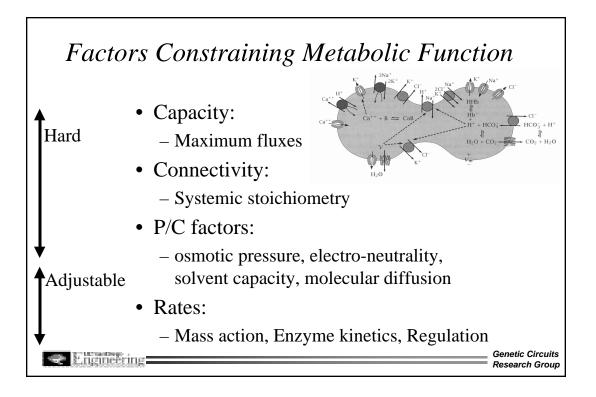
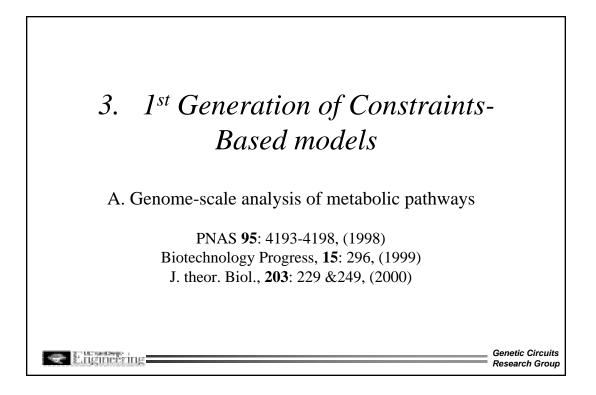


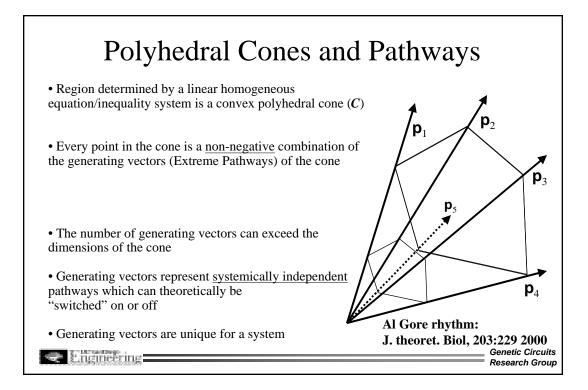
The Size of Reconstructed Networks (S is metabolites x reactions)				
	E. coli	H. influ.	H. pylori	Yeast
Sequenced	1997	1995	1997	1998
Model built	<b>1999</b> PNAS 5/00	1998 JBC 6/99	2000 submitted	2001 submitted
Reactions	720	<b>4</b> 88	444	1294
Metabolites	s 436	343	340	801
Genes	695	362	268	<i>932</i>

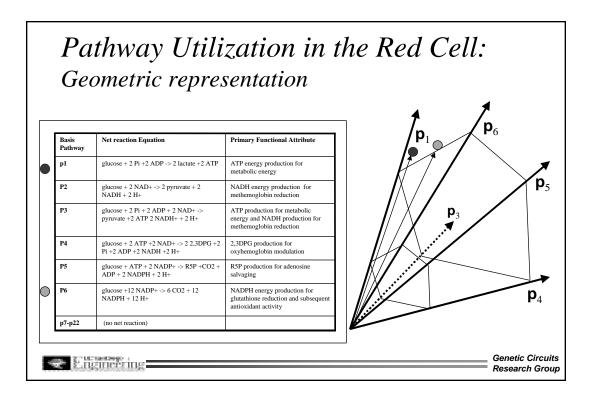


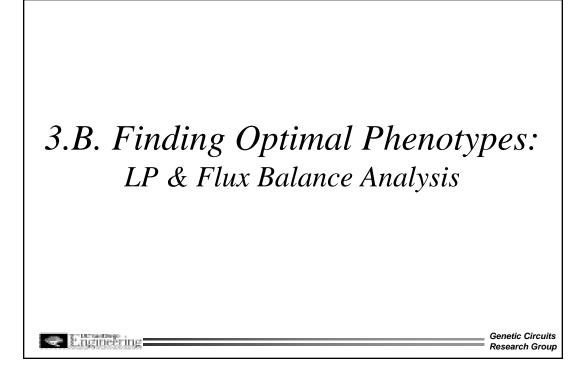


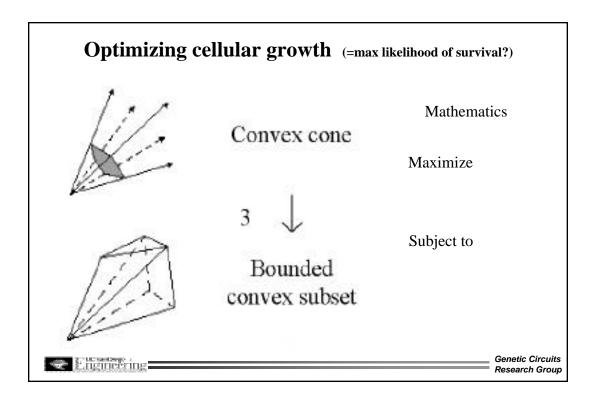


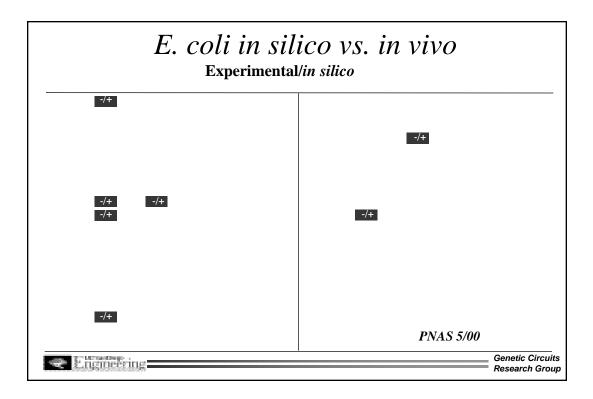


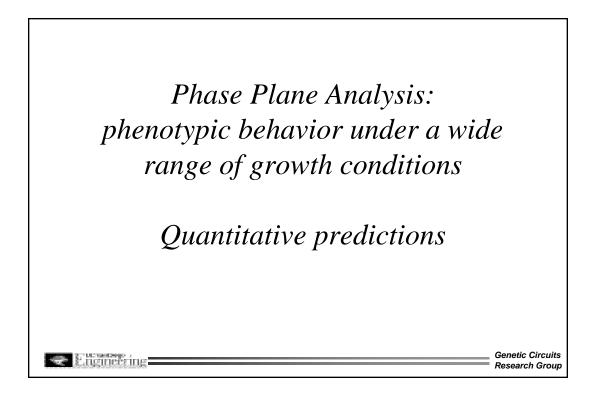


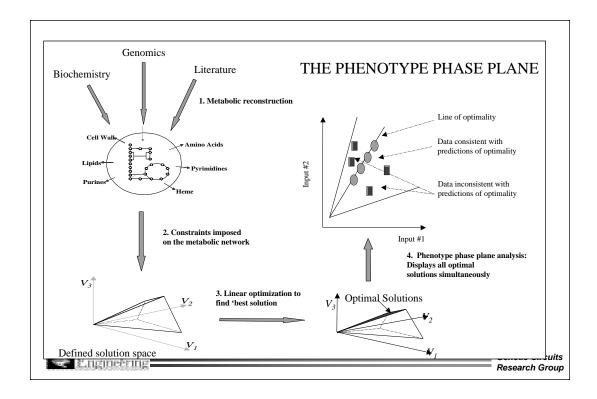


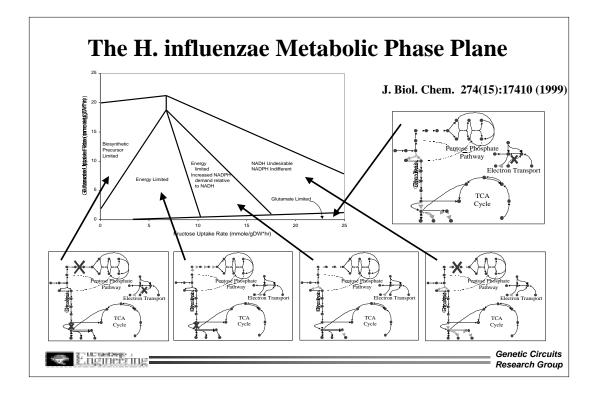


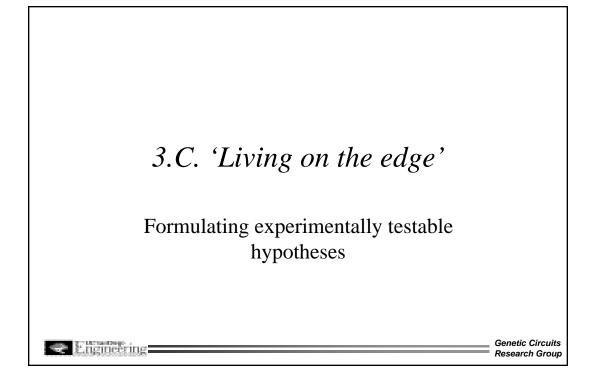


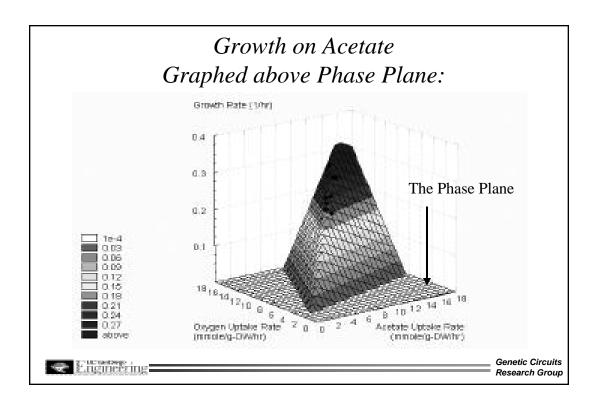


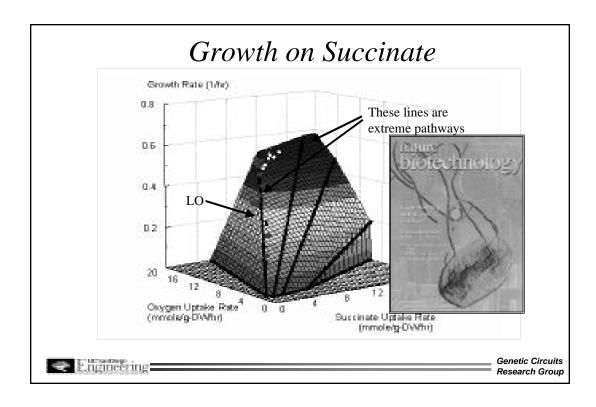


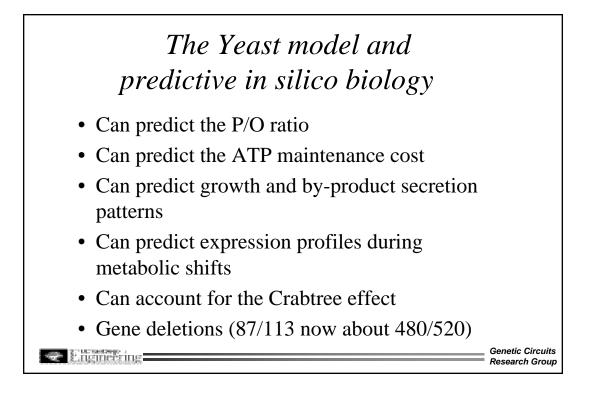












## 4. 2<sup>nd</sup> Generation Constraints-Based Models Kinetic and Regulatory Constraints

