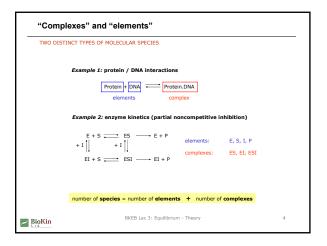
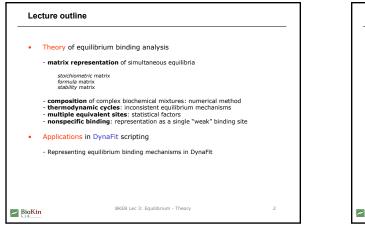
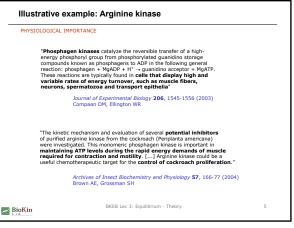
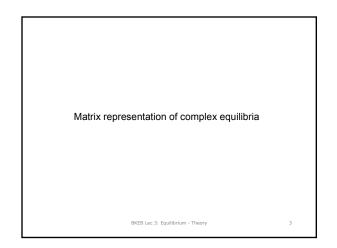
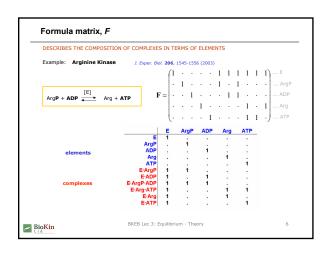
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	nding and Kinetics for Experiment Lecture 3 Auilibrium binding:		
	Petr Kuzmič, ph.d. Biokin, Ltd. watertown, Massachusetts, u.s.J	·	
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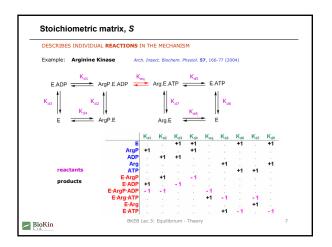


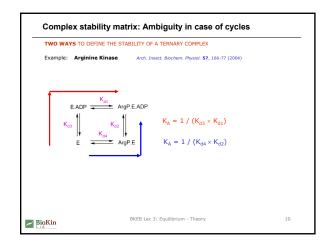


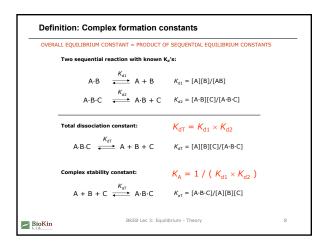


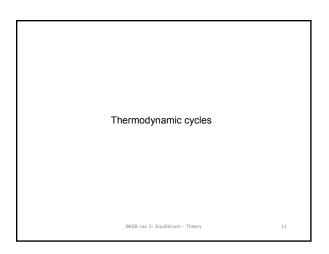


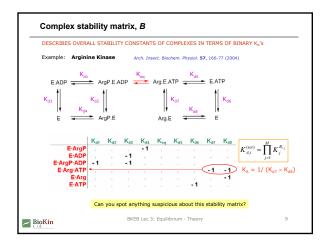


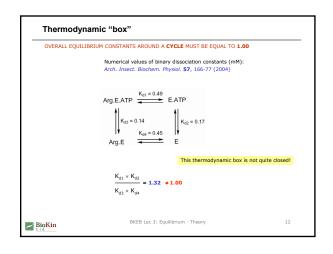


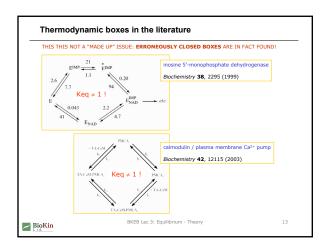


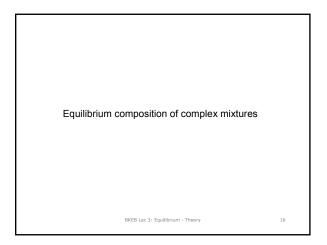


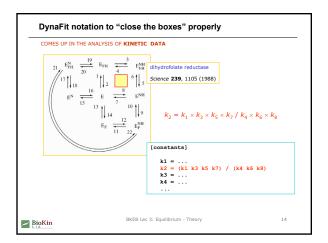


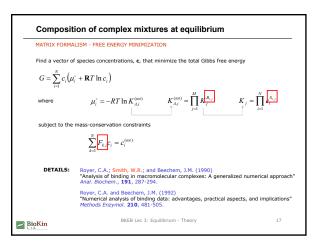


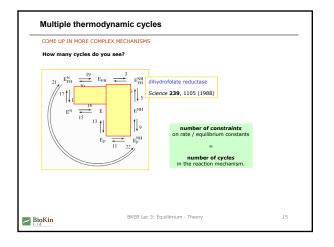


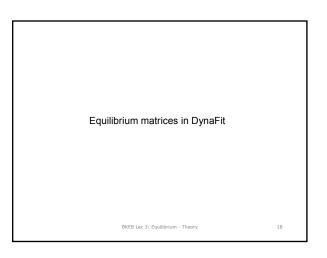


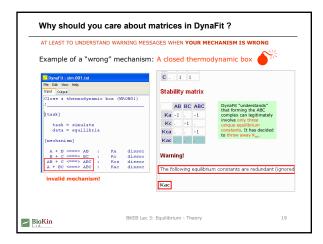


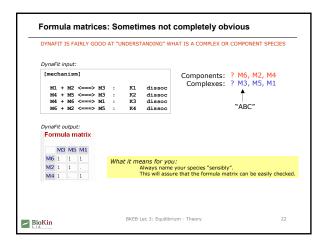


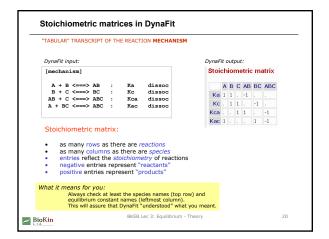


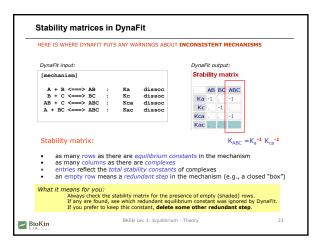


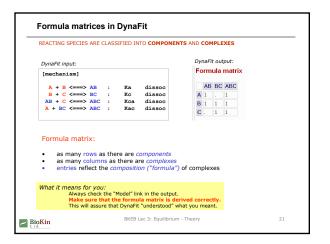


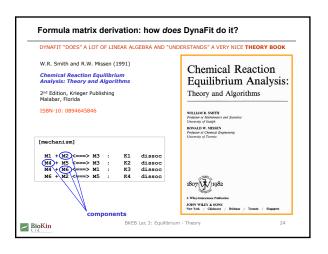


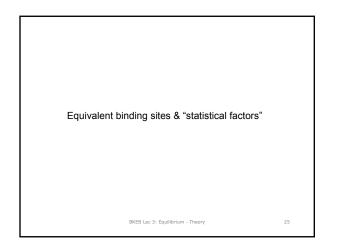


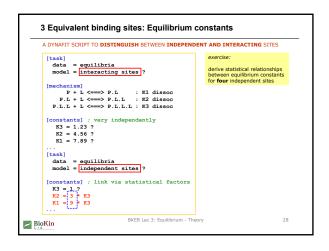


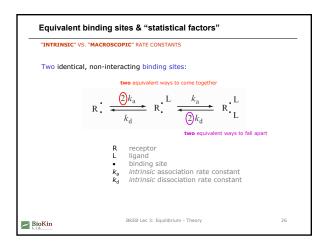


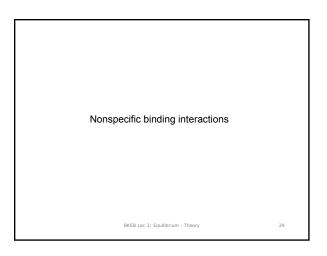


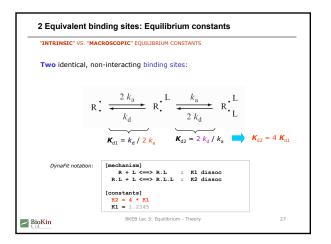


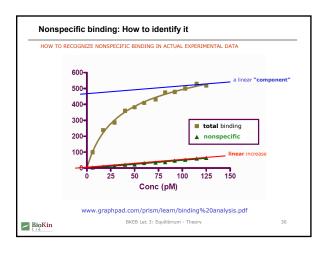


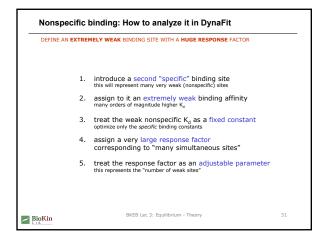


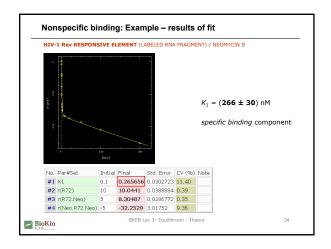


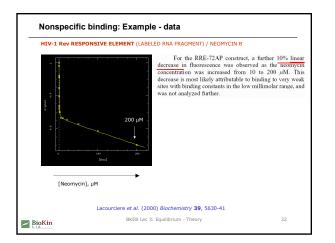


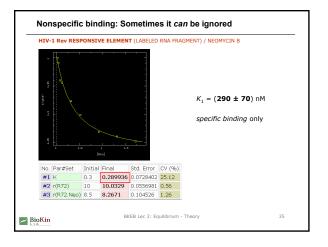


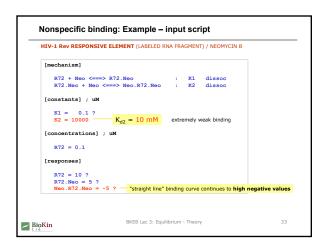












<u> </u>	mmary and conclusions		
1.	We need to understand the matrix representation of complex equilibri at least enough to be able to read DynaFit warning messages.		
2.	DynaFit will happily work even with inconsistent mechanisms, but it will ignore redundant equilibrium constants ("closed thermodynamic box")		
3.	Equivalent sites require a proper use of statistical factors.		
4.	Nonspecific binding looks like a "linear component" superimposed onto the usual nonlinear (hyperbolic) binding curve.		
5.	Nonspecific binding is modeled in DynaFit as "specific" binding characterized by very high dissociation constant "fixed" in the regression model.		
6.	DynaFit is not a "silver bullet": You must still use your brain a lot.		
ioKiı	BKEB Lec 3: Equilibrium - Theory 36		