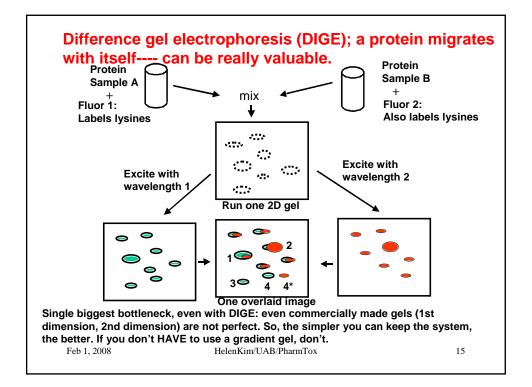
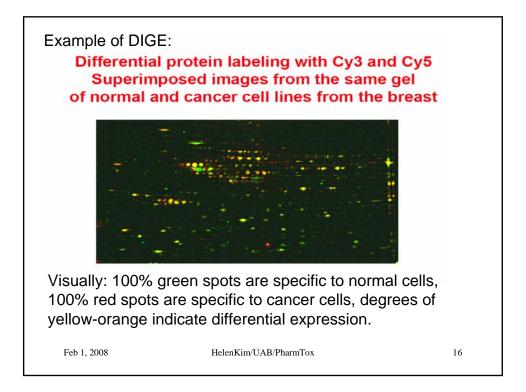
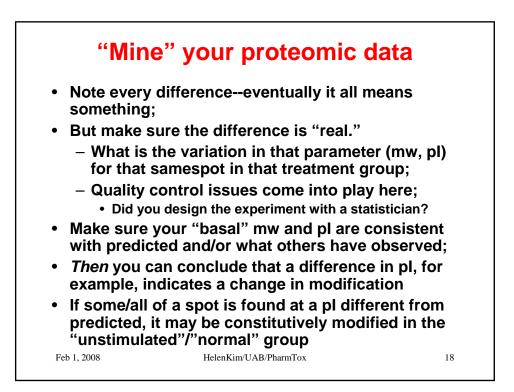


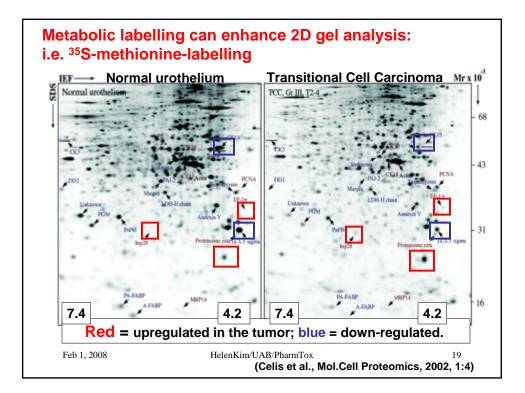
Categories of data generated by 2D gel image analysis												
SSP	intensity	X coordinate	Y coordinate	Peak quality								
1369	12,269	2.375	1.279	75								
Diffe	Differential expression? Modifications? Change in Complexity?											
	typical dataset: >100,000 rows of data											
		Statistical	analysis									
Feb 1, 2008		HelenKim/U	AB/PharmTox	14								

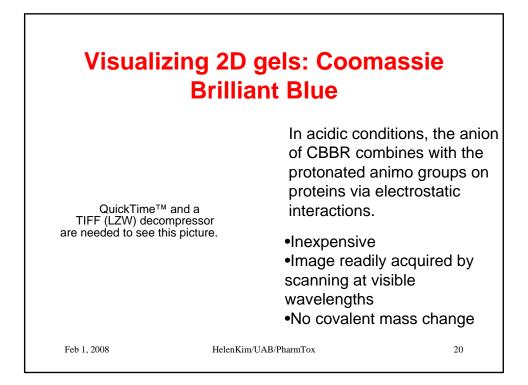




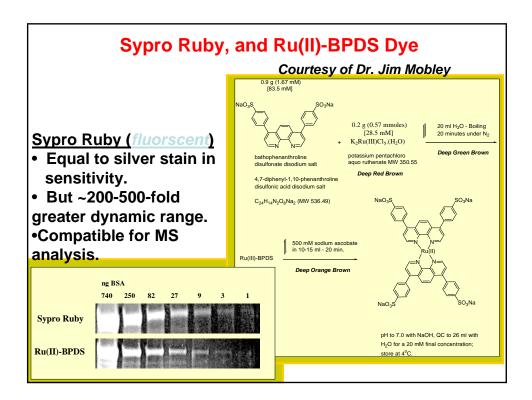
oskeletal keratin-7 pha-1 anti-trypsin	132	qi12803727	20.7	51.0		
pha-1 anti-trypsin			20.7	51.3	8.6	5.3
	90	gi1942953	19.7	44.3	9.6	5.5
Human oskeletal keratin-8	94	gi87303	56.2	53.5	5.9	5.6
	74	ai19572075	22.4	24.1	6.2	
nypo:XP109048	60	gi5106591	23.4 <mark>18.1</mark>	24.1 <mark>6.4</mark>	5.7	
variable region	105	gi1942953	37.0	44.3	6.9	
antitrypsin mutant F-L	65	gi5106591	10.0	6.4	4.6	
gG heavy chain var:reg						
man cvtokeratin-8	65	ai87303	56.0	53.5	5.8	5.6
DNA replication ncing factor MCM-	58	gi1705520	22.8	96.5	6	6.6
	Human nypo: XP109048 gG heavy chain variable region act recomb: alpha- antitypsin mutant F-L gG heavy chain var:reg man cytokeratin-8 DNA replication	Human 74   hypo:XP109048 60   gG heavy chain variable region   act recomb: alpha- antitrypsin mutant 105   antitrypsin mutant 65   F-L gG heavy chain   var.reg var.reg   man cytokeratin-8 65   DNA replication 58   ncing factor MCM-	Human74gi18573275typo:XP10904860gi5106591gG heavy chaingi1942953act recomb: alpha- antitrypsin mutant65gi5106591F-LgG heavy chainyarregman cytokeratin-865gi87303DNA replication58gi1705520ncing factor MCM-58gi1705520	Human     74     gi18573275     23.4       hypo:XP109048     60     gi5106591     18.1       gG heavy chain     variable region     105     gi1942953     37.0       act recomb: alpha- antitrypsin mutant     65     gi5106591     10.0       F-L     gG heavy chain     var.reg     105     gi87303     56.0       man cytokeratin-8     65     gi87303     56.0     22.8       ncing factor MCM-     58     gi1705520     22.8	Human     74     gi18573275     23.4     24.1       nypo:XP109048     60     gi5106591     18.1     6.4       gG heavy chain     gi1942953     37.0     44.3       act recomb: alpha- antitryps in mutant F-L     65     gi5106591     10.0     6.4       gG heavy chain var:reg	Human     74     gi18573275     23.4     24.1     6.3       hypo:XP109048     60     gi5106591     18.1     6.4     5.7       gG heavy chain     variable region     105     gi1942953     37.0     44.3     6.9       act recomb: alpha- antitrypsin mutant F-L     65     gi5106591     10.0     6.4     4.6       gG heavy chain var.reg







## <section-header><image><image><text><text><text><text>



Advantages and limitations of the types of stains												
	Sensitivity	Dynamic range	MS- compatible	е								
CBBR	8 ng	10-30 x	yes									
Silver	1 ng	< 10 x	Not without special precautions									
Fluorescent	2 ng	3 orders of magnitude	yes									
Feb 1, 2008 HelenKim/UAB/PharmTox												

