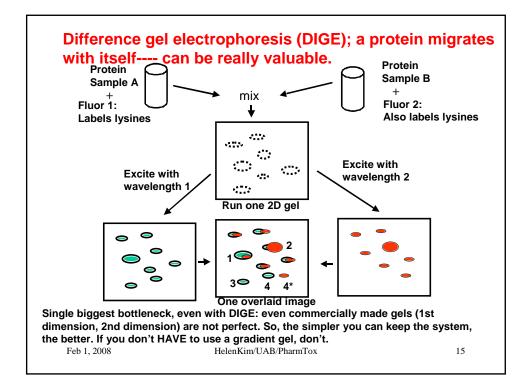
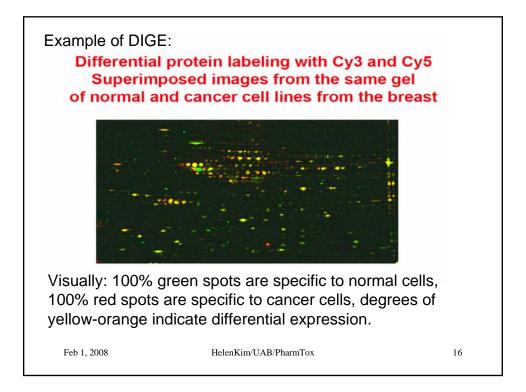
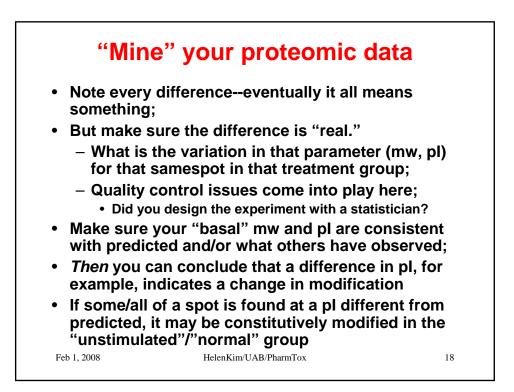


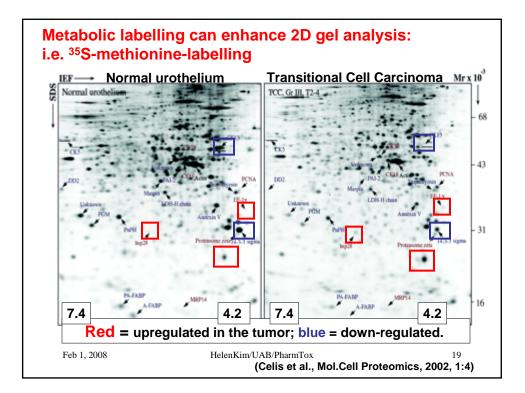
Categories of data generated by 2D gel image analysis												
SSP	intensity	X coordinate	Y coordinate	Peak quality								
1369	12,269	2.375	1.279	75								
Diffe	Differential expression? Modifications? Change in Complexity?											
	typical dataset: >100,000 rows of data											
		Statistical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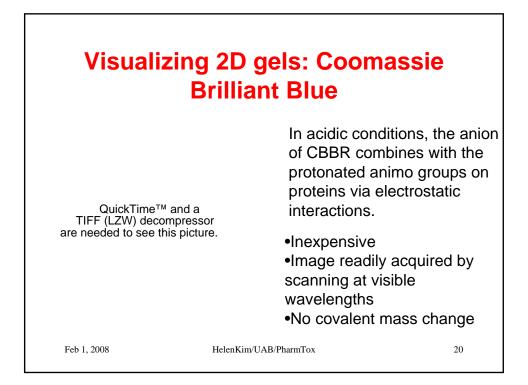




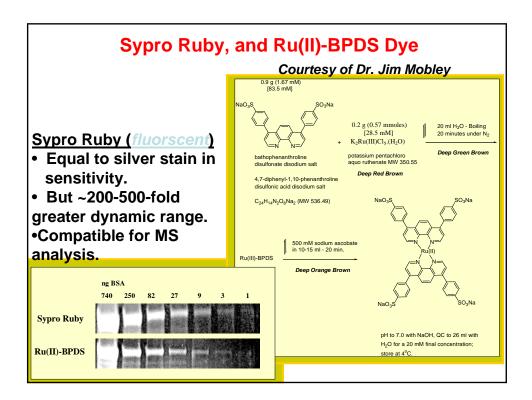
oskeletal keratin-7 pha-1 anti-trypsin	132	qi12803727	20.7	51.0		
pha-1 anti-trypsin			20.7	51.3	8.6	5.3
	90	gi1942953	19.7	44.3	9.6	5.5
Human oskeletal keratin-8	94	gi87303	56.2	53.5	5.9	5.6
	74	ai19572075	22.4	24.1	6.2	
nypo:XP109048	60	gi5106591	23.4 <mark>18.1</mark>	24.1 <mark>6.4</mark>	5.7	
variable 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												

