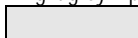


RESEARCH PROGRESS FOR EACH SUB-PROJECT OR MAJOR ACTIVITY

QUARTER	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13
Start date	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan
Project #1 – Metabolomics Toolbox	1/05	1/05	1/05	1/05	1/06	1/06	1/06	1/06	1/07	1/07	1/07	1/07	1/08
1. Identify and annotate known metabolites (literature review) <i>Lead: Wishart</i>	150	300	240	600									
	520	825	1399	1403	1455	2712	4663	5018	5325	5849	5867		
2. Purchase (P) and validate (V) commercially available compounds <i>Lead: Wishart</i>	50	100	150	200	250	300	350	400					
		325P 75V	381P 102V	502P 202V	607P 265V	637P 449V	695P 386V	715P 594V	772P 579V	775P 631V	775P 665V		
3A. Isolate, purify, identify (I), and validate (V) metabolites from urine <i>Lead: Li/Wishart</i>				50				250			300		
	0	0	0	15	231	264	232	246I 70V	381I 232V	379I 232V	384I 232V		
3B. Isolate, purify, identify (I), and validate (V) metabolites from serum <i>Lead: Li/Wishart</i>				50				100			150		
		0	0	38	80	174	182	180I 40V	812I 182V	846I 182V	869I 182V		
3C. Isolate, purify, identify (I), and validate (V) metabolites from CSF <i>Lead: Li/Wishart</i>				30				60			90		
			0	0	75	47	84	205I 35V	245I 84V	285I 84V	273I 84V Done		
3D. Isolate, purify, identify, and validate (V) metabolites from WBC <i>Lead: Li</i> <i>Revised: Oct. 26, 05 - utilize tissue cultured cells</i> <i>Revised: Feb 13, 2006 - utilize human liver microsomes</i>								50			100		
						5V	14V	18V	18V	28V Done			
4. Synthesize compounds not commercially available <i>Lead: Clive</i>				50				125			250		
	0	5	26	44	60	74	125	138	165	165	171		
5. Archive all compounds into metabolome library/-80 freezer <i>Lead: Wishart</i>				180				485			890		
		192	350	461	607	613	761	781	820	823	822		
6. Set-up and maintain project lab info management system (LIMS) <i>Lead: Wishart</i>	90%				v 1.0				v 2.0		95%		
7A. Set up and Maintain Project Websites <i>Lead: Wishart</i>	80%			100%									
7B. Set up and maintain project Human Metabolome Database website <i>Lead: Wishart</i>					v 1.0				v 2.0				
	80%			90%					80%		90%		
8A: Develop data-mining tools for HMDB <i>Lead: Greiner, Wishart</i>											90%		
8B. Develop MS database <i>Lead: Greiner, Wishart, Li</i>								v 1.0			v 2.0		
								100%			80%		
8C. Develop DrugBank database <i>Lead: Wishart</i>				v 1.0						v 1.5	v 2.0		
				100%					80%		95%		

Light grey = projected milestones



Dark grey = actual milestones

