

Chapter 13

Appendix

Table 13.1. Weights of rats in Pilot study 1.

Days	Rat 1	Rat 2	Rat 3	Rat 4	Rat 5	Rat 6	Rat 7	Rat 8
M	197	196.5	211.96	187.68	189	195.45	205.02	202.73
W	194	193.5	205.07	186.18	181.96	191.34	201.24	197.81
F	165.18	194.8	200.74	193.27	187.1	194.19	196.6	195.33
M	202.38	201.21	200.74	204.07	204.21	191.96	188.45	211.96
W	200.26	191.6	192.72	199.02	205.04	200.97	188.11	217
F	209.32	191.74	200.74	202.66	198.7	202.98	199.23	215.85
M	216.51	204.73	202	209.41	218.43	211.66	213.53	227.08

Table 13.2. Temperature of rats in Pilot study 1.

Days	Rat 1	Rat 2	Rat 3	Rat 4	Rat 5	Rat 6	Rat 7	Rat 8
M	35.3	36	35.9	35.6	38.8	36.5	35.5	37
W	35.3	36	36.6	35.7	38.8	36.5	35.5	37
F	37.7	36	36.2	36.2	35.7	34.8	36.2	36.3
M	34.8	36.1	35.2	35.7	36	35.4	36.1	36.3
W	35.5	36.7	36	35.8	35.3	35.6	36.2	35.5
F	35.2	36.2	35.7	35.2	36.6	37	35.8	36.2
M	35.6	35.3	36.3	35.5	35.8	36.5	35.4	36.2

Table 13.3. Lesion sizes of rats in pilot study 1.

Rats No.	Days	Untreated	Cream	10% Extract	20% Extract
1	1	19.91	70.26	17.76	6.79
	3	19.91	70.26	17.76	6.79
	5	21.63	59.47	24.50	10.87
	8	12.25	33.24	16.22	7.96
	10	5.27	13.55	3.20	7.76
	12	2.20	6.23	1.45	3.79
	15	0.00	0.00	0.00	0.00
2	1	46.92	51.70	26.43	21.29
	3	46.92	51.70	26.43	21.29
	5	43.12	29.72	25.07	31.09
	8	33.48	23.54	16.55	29.93
	10	29.37	11.59	2.90	6.22
	12	14.13	9.72	29.88	23.76
	15	0.00	0.00	0.00	0.00
3	1	23.62	40.81	32.59	29.61
	3	23.62	40.81	32.59	29.61
	5	16.60	35.82	19.11	32.31
	8	12.69	22.02	31.27	30.69
	10	1.17	5.00	21.48	19.78
	12	0.00	3.28	1.08	1.85
	15	0.00	0.00	0.00	0.00
4	1	22.21	40.40	9.26	17.96
	3	22.21	40.40	9.26	17.96
	5	19.97	23.23	2.99	17.62
	8	22.70	18.23	10.92	27.95

	10	7.56	10.97	3.78	10.01
	12	10.71	2.63	8.84	15.10
	15	0.00	0.00	0.00	0.00
5	1	21.04	25.12	13.72	21.05
	3	21.04	25.12	13.72	21.05
	5	20.07	22.34	10.74	19.13
	8	17.44	10.63	10.50	12.68
	10	11.83	7.19	3.61	8.32
	12	1.91	2.39	18.14	9.25
	15	0.00	0.00	0.00	0.00
6	1	43.85	31.45	74.05	46.30
	3	43.85	31.45	74.05	46.30
	5	33.82	17.90	69.38	32.44
	8	37.48	10.98	42.21	17.10
	10	11.97	5.79	9.49	10.26
	12	2.96	1.82	1.30	3.59
	15	0.00	0.00	0.00	0.00
7	1	38.16	33.94	19.45	17.30
	3	38.16	33.94	19.45	17.30
	5	42.66	39.26	12.88	17.96
	8	35.86	20.50	10.79	10.42
	10	16.97	11.66	0.32	6.88
	12	5.73	5.75	4.15	1.93
	15	0.00	0.00	0.00	0.00
8	1	31.37	70.89	35.19	25.78
	3	31.37	70.89	35.19	25.78
	5	36.64	51.45	18.40	22.59
	8	32.25	37.21	26.40	18.17
	10	14.15	30.67	21.33	13.56
	12	4.74	5.49	0.74	1.75
	15	0.00	0.00	0.00	0.00

Table 13.4. Average lesion sizes of rats in pilot study 1.

Days	Control	Cream	10%	20%
1	30.9	45.6	28.6	23.3
3	30.9	45.6	28.6	23.3
5	29.3	34.9	22.9	23.0
8	25.5	22.0	20.6	19.4
10	12.3	12.1	8.3	10.3
12	5.3	4.7	8.2	7.6
15	0.0	0.0	0.0	0.0

Table 13.5. Average exudate of rats in pilot study 1.

Days	Control	Cream	10%	20%
M	0.000	0.000	0.000	0.000
W	1.000	1.375	1.500	1.375
F	0.625	0.750	1.250	1.375
M	0.250	0.625	0.750	0.750
W	0.500	0.625	0.375	1.000
F	0.125	0.125	0.250	0.250
M	0.000	0.000	0.000	0.000

Table 13.6. Average exudate of rats in pilot study 1.

Days	Control	Cream	10%	20%
M	0	0	0	0
W	1	1.25	1	0.875
F	1	1.125	0.75	0.5
M	0.75	1	0.5	0.625
W	0.875	0.75	0.125	0.25
F	0.375	0	0.125	0.375
M	0	0	0	0

Table 13.7. Average crust formation of rats in pilot study 1.

Days	Control	Cream	10%	20%
M	0.00	0.00	0.00	0.00
W	0.00	0.00	0.00	0.00
F	0.50	0.88	0.63	0.63
M	3.00	2.88	3.00	3.00
W	2.63	2.63	3.00	3.00
F	1.88	1.50	1.13	2.25
M	0.00	0.00	0.38	0.38

Table 13.8. Weight of rats in pilot study 2.

Days	Rat 1	Rat 2	Rat 3	Rat 4	Rat 5	Rat 6
M	213.36	222.68	215.51	229.49	227.14	214.33
W	199.54	212.92	185.46	212.66	202.12	197.29
F	194.59	219.68	185.93	207.53	208.24	191.19
M	192.3	224.37	194.76	209.96	221.17	203.04
W	198.94	224.73	197.08	205.55	230.41	210.87
F	199.44	224.6	192.19	208.35	226.52	204.17
M	200.83	229.77	192.75	204.82	235.03	220.62
Days	Rat 7	Rat 8	Rat 9	Rat 10	Rat 11	Rat 12
M	219.09	224.47	231.25	223.71	212.78	222.42
W	206.15	213.95	217.48	203.98	181.01	213.32
F	186.33	213.28	214.79	192.98	160.1	201.86
M	189.4	206.43	218.88	200.87		205.96
W	194	211.99	214.16	202.74		201.07
F	197.08	212.76	218.03	207.36		201.5
M	196.13	211.42	221.04	210.47		207.98

Table 13.12. Average crust formation of rats in pilot study 2.

	No treatment (-ve)	<i>C. imberbe</i>	<i>C. nelsonii</i>	<i>C. albopunctatum</i>	<i>T. sericea</i>	Amphotericin B (+ve)
M	0.00	0.00	0.00	0.00	0.00	0.00
W	0.00	0.00	0.09	0.00	0.00	0.00
F	0.00	0.00	0.36	0.09	0.36	0.00
M	1.55	1.91	1.91	1.91	1.91	1.55
W	2.18	2.09	2.55	2.55	2.36	2.36
F	1.64	0.55	0.55	0.82	1.36	0.82
M	0.00	0.00	0.00	0.27	0.00	0.00

Table 13.13. Standard deviation of crust formation of rats in pilot study 2.

	No treatment (-ve)	<i>C. imberbe</i>	<i>C. nelsonii</i>	<i>C. albopunctatum</i>	<i>T. sericea</i>	Amphotericin B (+ve)
M1	0	0	0	0	0	0
W1	0	0	0.30151134	0	0	0
F1	0	0	0.67419986	0.301511345	0.50452498	0
M2	0.820199532	0.301511345	0.30151134	0.301511345	0.30151134	0.8202
W2	0.91035266	0.867349805	0.90230216	0.956985714	0.92037378	0.877612
F2	1.566698904	1.213559752	1.21355975	1.401298099	1.5666989	1.401298
M3	0	0	0	0	0	0

Table 13.14. Standard deviation of exudate of rats in pilot study 2.

	No treatment (-ve)	<i>C. imberbe</i>	<i>C. nelsonii</i>	<i>C. albopunctatum</i>	<i>T. sericea</i>	Amphotericin B (+ve)
M1	0	0	0	0	0	0
W1	0.774596669	0.70064905	0.894427191	0.53935989	0.831209415	0.646669791
F1	0.70064905	0.894427191	0.646669791	0.603022689	0.774596669	0.646669791
M2	0.809039835	0.674199862	0.873862898	0.809039835	0.522232968	0.820199532
W2	0.403672487	0.430045968	0.422086435	0.421853153	0.452346709	0.500134063
F2	0	0	0	0	0	0
M3	0	0	0	0	0	0

Table 13.15. Standard deviation of erythema of rats in pilot study 2.

	No treatment (-ve)	<i>C. imberbe</i>	<i>C. nelsonii</i>	<i>C. albopunctatum</i>	<i>T. sericea</i>	Amphotericin B (+ve)
M1	0	0	0	0	0	0
W1	0.301511345	0.301511345	0	0.301511345	0.30151134	0.404519917
F1	0.646669791	0.53935989	0.40451992	0.603022689	0.68755165	0.467099366
M2	0.632455532	0.301511345	0.40451992	0.404519917	0.46709937	0.774596669
W2	0.506615573	0.396086952	0.47604791	0.40972332	0.50179929	0.495528042
F2	0.873862898	0.467099366	0.52223297	0.504524979	0.67419986	0.687551651
M3	0	0	0	0	0	0

Table 13.16. Average lesion size of rats in pilot study 2

	No treatment (-ve)	<i>C. imberbe</i>	<i>C. nelsonii</i>	<i>C. albopunctatum</i>	<i>T. sericea</i>	Amphotericin B (+ve)
M1	28.99791818	29.22276364	31.0538273	34.4117	31.1346273	29.68434545
W1	23.04898182	23.78405455	28.8677182	30.77445455	23.9417909	18.90043636
F1	16.30921818	17.92761818	22.5626818	23.35464545	16.6266455	14.93672727
M2	9.879681818	14.31259091	13.5489091	20.17067273	12.6590818	8.610918182
W2	9.896963636	9.528672727	11.9718364	14.07238182	8.81677273	9.171309091
F2	3.679309091	3.139681818	2.92155455	5.019481818	2.29633636	2.386018182
M3	0	0	0	0	0	0

Table 13.17. Standard deviation of lesion size of rats in pilot study 2.

	No treatment (-ve)	<i>C. imberbe</i>	<i>C. nelsonii</i>	<i>C. albopuntactum</i>	<i>T. sericea</i>	Amphotericin B (+ve)
M1	7.855258962	6.576222346	7.84316015	9.837250478	8.37141455	6.953621752
W1	11.18249669	12.9477218	12.2763443	16.5237778	9.24352609	8.740044979
F1	8.920585354	11.64572105	10.1871795	15.84566595	6.33718333	7.140911291
M2	5.43769399	9.479187358	7.8051266	12.07611199	6.58194067	5.531751752
W2	8.381626493	7.368666187	7.23478569	11.34026506	4.69611613	8.627557854
F2	5.14245172	3.667864916	2.88671152	7.447729108	2.82305341	3.24383612
M3	0	0	0	0	0	0