

Table 18.11. Variation in the cell cycle time (FLM derived), in hours in different cell position groups in the large intestine of experimental animals. (From Sunter (1981))

Cell position group	Descending colon			Transverse colon		Ascending colon		Caecum	
	<i>I<sub>P</sub></i>	<i>t<sub>S</sub></i>	<i>T<sub>C</sub></i>	<i>I<sub>P</sub></i>	<i>T<sub>C</sub></i>	<i>I<sub>P</sub></i>	<i>T<sub>C</sub></i>	<i>I<sub>P</sub></i>	<i>T<sub>C</sub></i>
<b>Rat</b>									
1-4	1.15	9.3	68	0.29	71			0.65	35
5-8	1.20	9.3	61	0.62	64	0.36	40	0.87	25
9-12	0.95	8.7	65	0.45	40			0.88	23
13-16	0.58	8.4	46	0.59	38			0.35	24
17-20	0.36	7.9	53	0.88	38	0.28	32	-	-
21-24	0.10	8.7	53	0.87	38		-	-	-
<b>Mouse</b>									
1-4	0.53		15.3	0.48	22	0.44	20.6	0.76	15.3
5-8	0.49		14.9	0.50	21.7	0.54	18.2	0.74	15.5
9-12	0.41		15.4	0.49	22.0	0.53	20.4	0.42	16.0
13-16	0.24		16.3	0.43	20.9	0.10	20.0	0.10	12.9
17-20	0.09		15.4	0.39	20.1	-	-	-	-