

Table 10.1. The time relationships of the proliferative response to injury in epidermis. (Modified after Fowler and Denekamp (1976))

Stimulus	Start	I_M	Peak	I_M	Completion
	I_S		I_S		
Tape stripping					
Schellander (1969) (guinea pig)	24 h	—	48 h	—	9 d
Hennings and Elgjo (1970) (hairless mouse)	5-6 h	8-10 h	23 h	—	6 d
Potten and Allen (1975b) (hairless mouse)	10-12 h	18 h	18 h	24 h	—
Clausen and Lindmo (1976) (hairless mouse)	8 h	16 h	28 h	36 h	—
Pinkus (1952a, b) (human)	—	36 h	—	72 h	—
Williams and Hunter (1957) (human)	—	24-48 h	—	48-72 h	—
Brophy and Lobitz (1959) (human)	—	32 h	—	40-48 h	72 h
Rovee <i>et al.</i> (1972a) (human)	—	12-24 h	—	3-4 d	10-14 d
Bishop and Cox (1974) (human, <i>in vitro</i>)	48 h	—	96 h	—	5 d
Incised wounds					
Block <i>et al.</i> (1963) (rat, skin and palate)	—	—	—	48 h	—
Hell and Cruikshank (1963) (guinea pig, <i>in vitro</i>)	4 h	8 h	24 h	—	—
Giacometti (1967); Giacometti and Montagna (1969) (primate)	—	36 h	—	76 h	92 h
Hsu and Hsu (1972) (rat)	48 h	—	—	—	6 d
Winstanley (1975) (dog)	—	24 h	—	6 d	12 d
Epstein and Sullivan (1963) (human)	—	55 h	—	—	—
Rovee <i>et al.</i> (1972a) (human)	—	12-72 h	—	2-5 d	7 d
Friction					
Mackenzie (1974a, b) (mouse, brush, single application)	—	42 h	—	48 h	60 h
Kurman and Argyris (1976) (mouse, abrasion, full thickness)	—	24-48 h	—	4-5 d	14 d
Bertsch <i>et al.</i> (1976) (mouse, sandpaper)	8 h	16 h	16 h	24 h	72 h
Argyris (1976) (mouse, abrasion)	—	3 d	—	6 d	—
Plucking					
Hegazy and Fowler (1973a) (mouse)	18 h	—	—	—	—
Potten (1971b) (mouse)	10 h	18 h	—	20 h	14 d