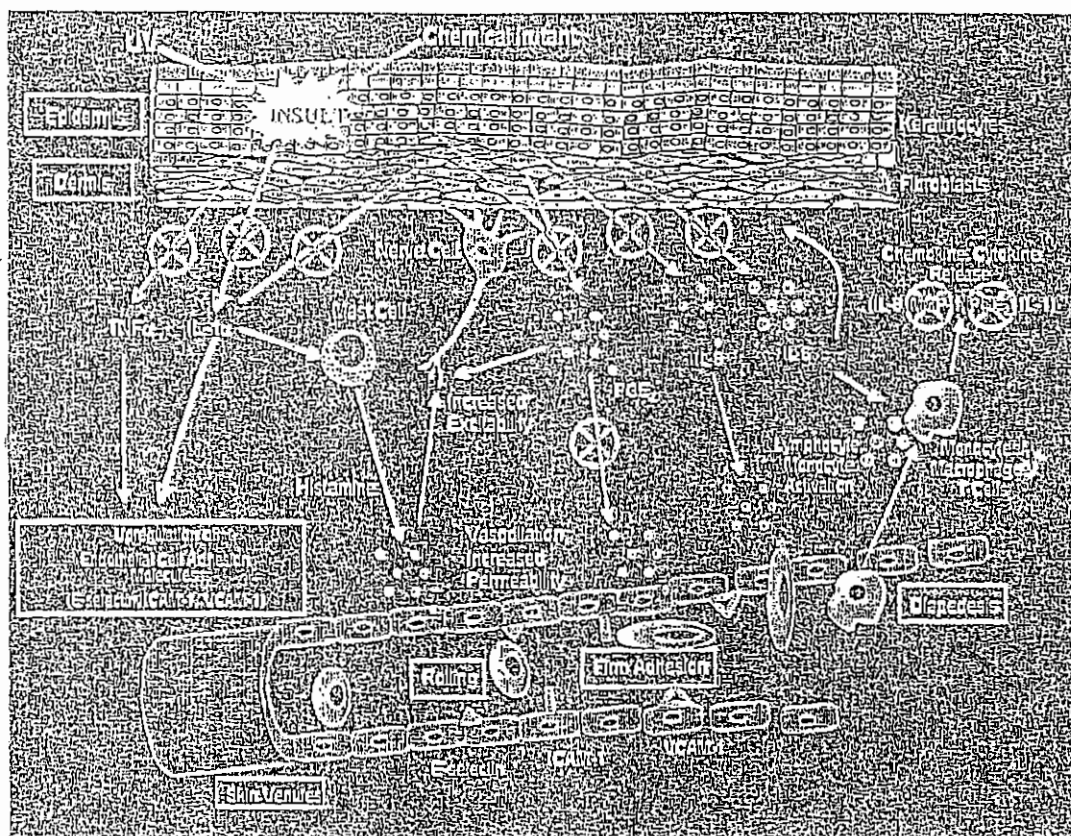


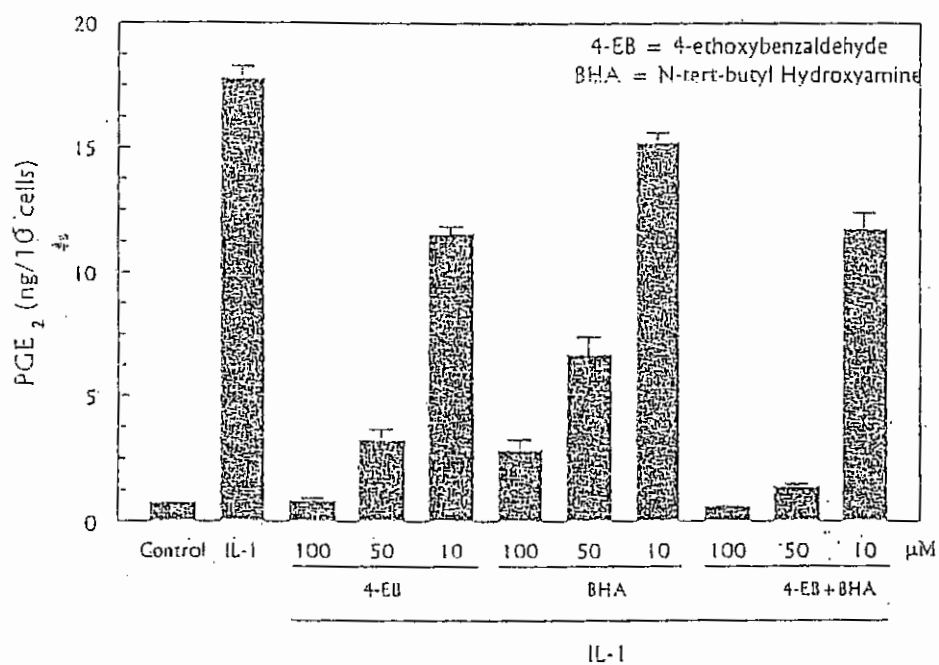
2/17

FIGURE 2



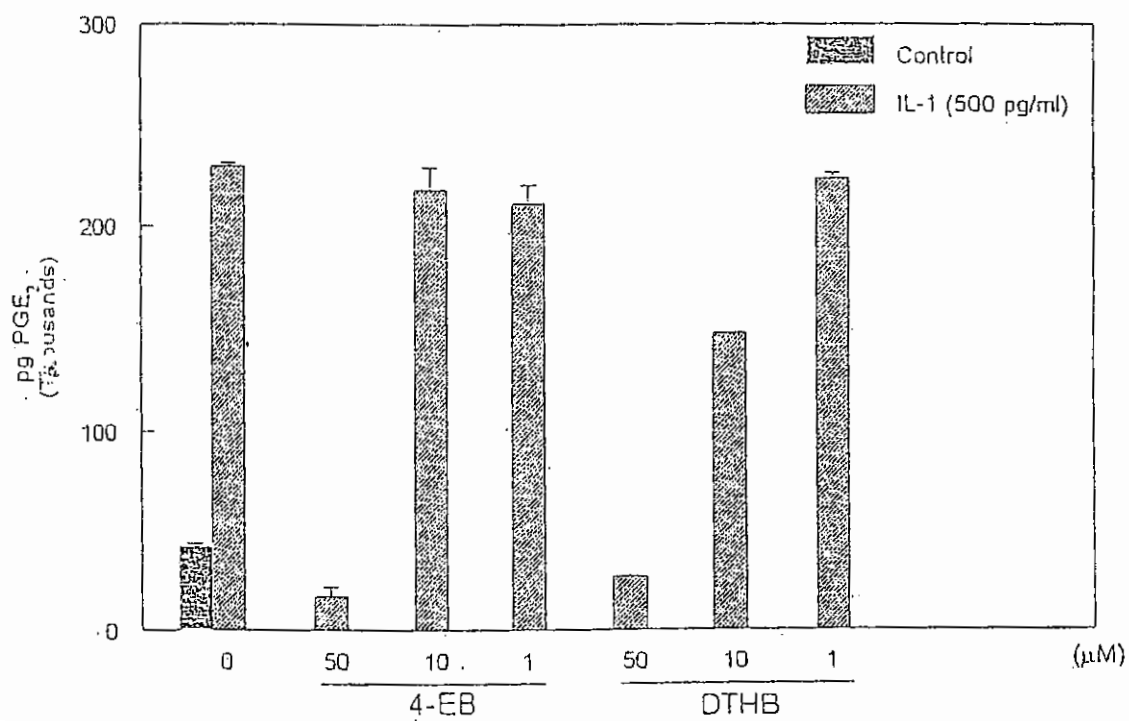
3/17

FIGURE 3A



4/17

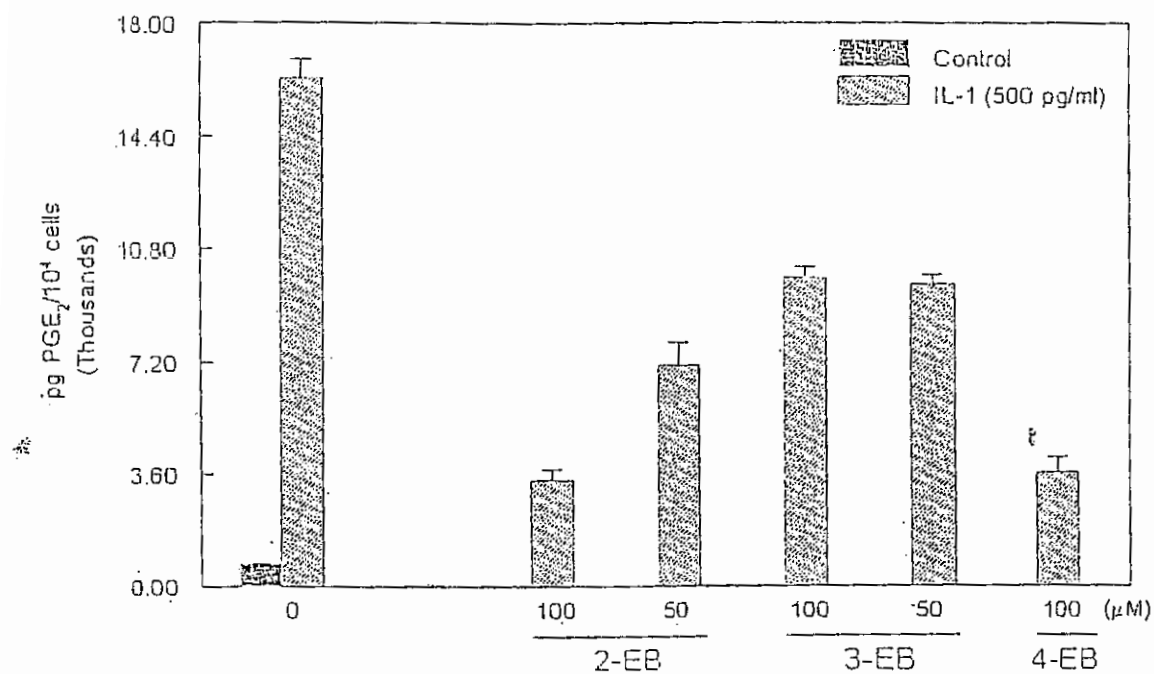
FIGURE 3B



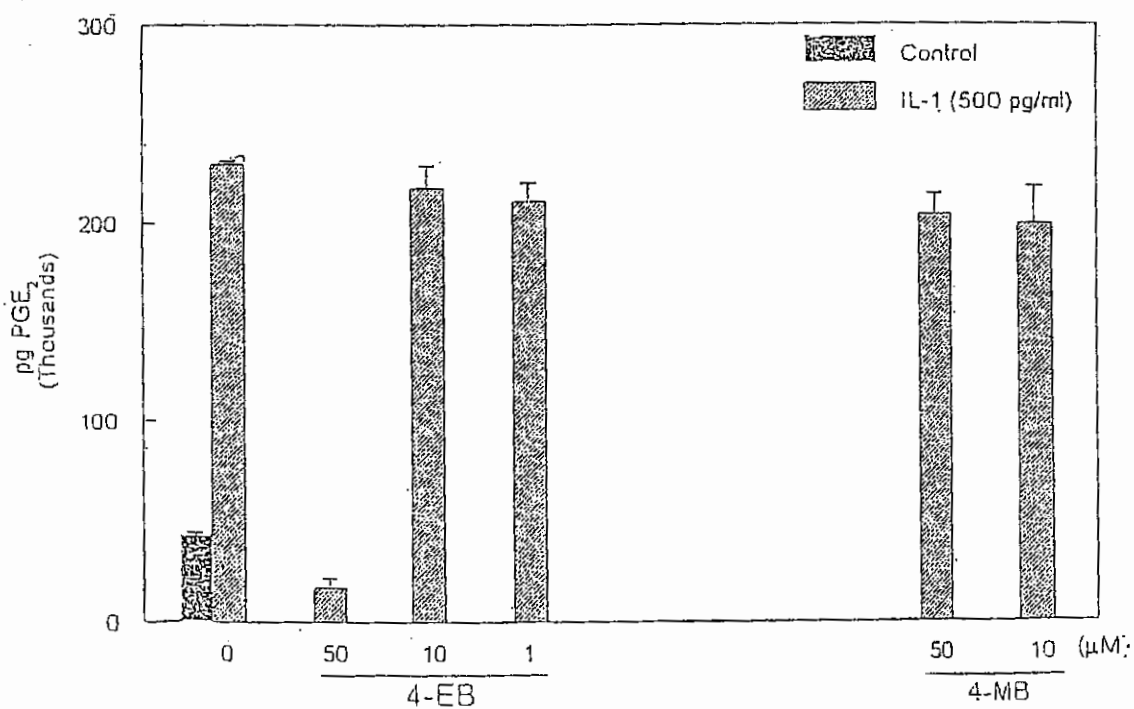
5/17

FIGURE 4

A)

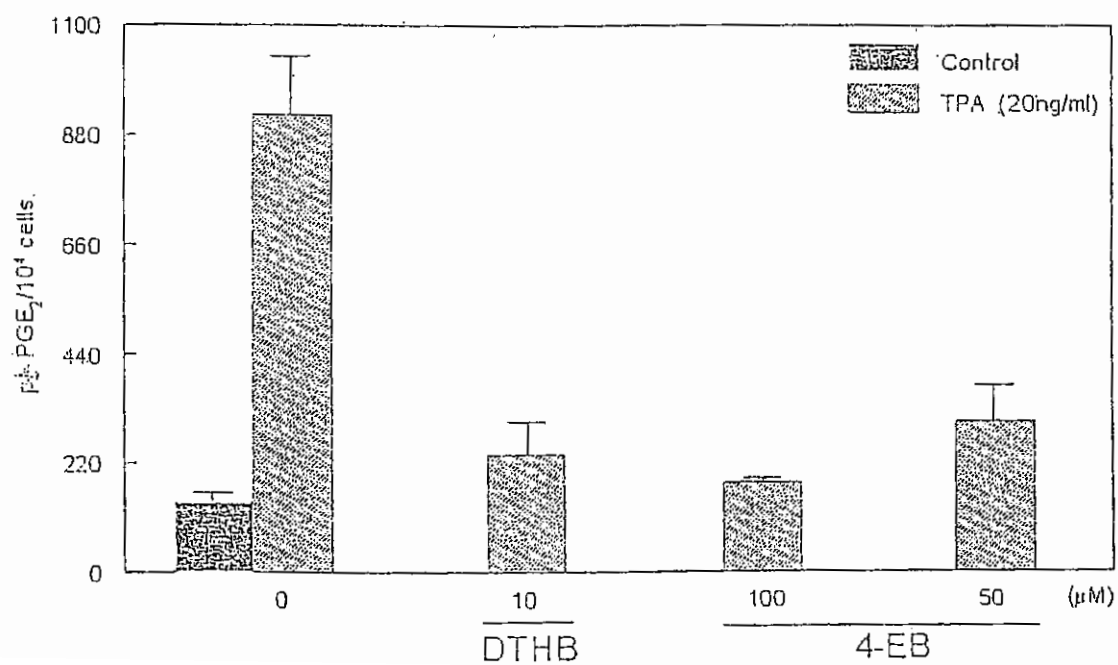


B)

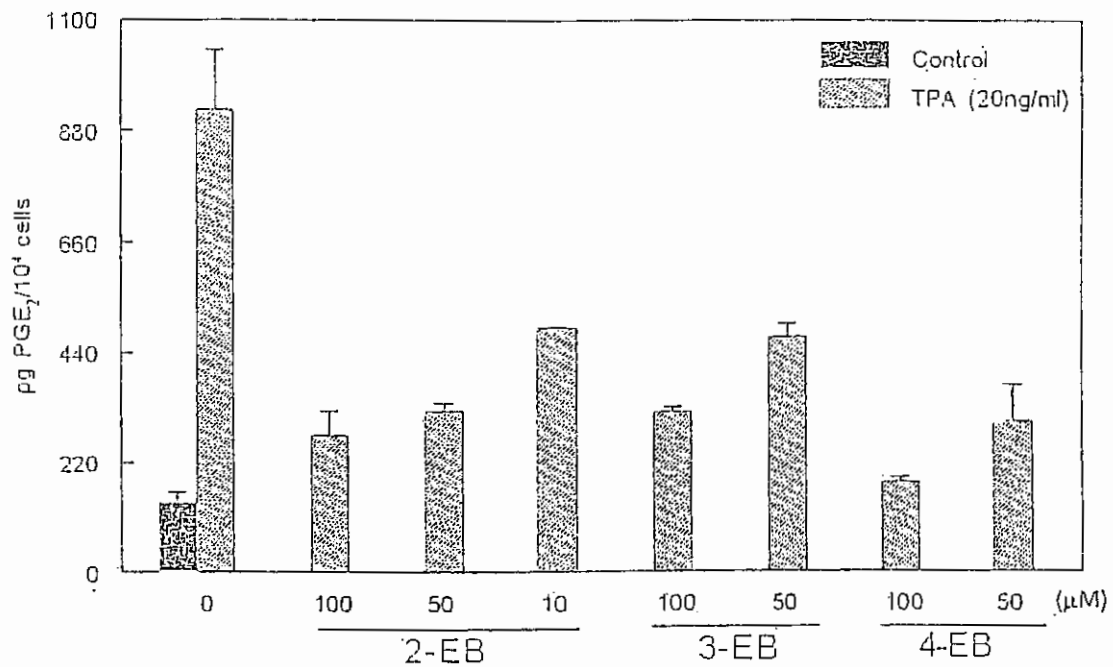


6/17

FIGURE 4C



7/17

FIGURE 5

8/17

FIGURE 6

Drug	(μM)	Fibroblasts							
		Ultraviolet Light				IL-1			
		PGE-2	IL-1	IL-6	IL-8	PGE-2	IL-6	IL-8	MMP-1
CX-1	1	-	-	-	-	-	-	-	-
2,4 Diethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	Cell Death	-	Cell Death	Cell Death
CX-2	1	-	-	-	-	-	-	-	-
Benzaldehyde Dimethyl Acetal	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	12	-	NE	NE
CX-3	1	-	-	-	-	-	-	-	-
2,4,5 Triethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	Cell Death	-	Cell Death	Cell Death
CX-4	1	-	-	-	-	NE	NE	-	-
3,5-di-tert-butyl-4-hydroxy Benzaldehyde	10	>100	NI	63	47	22	62	-	-
	100	>100	NI	64	67	100	54	20	-
CX-5	1	-	-	-	-	-	-	-	-
2-Ethoxy Benzaldehyde	10	97	-	-	74	59	31	29	-
	100	>100	-	-	>100	77	49	26	-
CX-6	1	-	-	-	-	-	-	-	-
2-Propoxy Benzaldehyde	10	-	-	-	-	78	-	-	-
	100	-	-	-	-	93	-	-	-
CX-7	1	-	-	-	-	-	-	-	-
3-Dodecyloxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	75	5	NE	NE
CX-8	1	-	-	-	-	12	36	4	NE
3-Ethoxy 4-Hydroxy Benzaldehyde	10	-	-	-	-	31	24	3	NE
	100	-	-	-	-	84	33	20	NE
CX-9	1	-	-	-	-	-	-	-	-
3-Benzoyloxy-4,5-Dimethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	78	43	48	NE
CX-10	1	-	-	-	-	-	-	-	-
3-Ethoxy Benzaldehyde	10	32	NI	45	30	43	51	29	-
	100	58	NI	67	52	41	52	35	-
CX-11	1	-	-	-	-	-	-	-	-
3,5-Dihydroxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	65	16	NE	6
CX-12	1	-	-	-	-	-	-	-	-
4-Methoxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	70	8	1	10
CX-13	1	-	-	-	-	-	-	-	-
4-Benzoyloxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	60	37	21	NE
CX-14	1	-	-	-	-	-	-	-	-
4-Acetoxy-3,5-Dimethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	97	-	24	NE
CX-15	1	-	-	-	-	NE	-	-	-
4-Hydroxy-3,5-Dimethoxy Benzaldehyde	10	-	-	-	-	NE	-	-	-
	100	-	-	-	-	90	48	39	NE
CX-16	1	-	-	-	-	13	-	43	-
4-Allyloxy Benzaldehyde	10	16	-	-	-	94	-	30	-
	100	62	-	-	-	>100	29	3	NE
CX-17	1	-	-	-	-	-	-	-	-
4-tert-pentyl Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	18	-	NE	NE
CX-18	1	-	-	-	-	-	-	-	-
Benzaldehyde	10	-	-	-	-	44	-	45	20
	100	-	-	-	-	50	-	44	28
CX-19	1	-	-	-	-	-	-	-	-
Benzyl Alcohol	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	12	30	29	NE
CX-20	1	-	-	-	-	-	-	-	-
4-Ethyl Benzaldehyde	10	-	-	-	-	-	-	-	-
	100	-	-	-	-	9	-	NE	NE
CX-21	1	-	-	-	-	3	NE	8	NE
4-Ethoxy Benzaldehyde	10	NE	90	>100	NE	38	13	8	NE
	100	>100	NI	>100	44	80	15	9	NE
CX-22	1	-	-	-	-	NE	-	NE	-
4-Propoxy Benzaldehyde	10	76	-	-	-	79	-	NE	-
	100	91	-	-	-	>100	-	10	NE
CX-23	1	-	-	-	-	21	-	NE	-
4-Butoxy Benzaldehyde	10	-	-	-	-	86	-	NE	-
	100	-	-	-	-	95	-	NE	-
CX-24	1	-	-	-	-	60	47	40	31
4-Pentyloxy Benzaldehyde	10	82	-	-	-	95	61	55	18
	100	83	-	-	-	100	58	44	21
CX-25	1	-	-	-	-	34	-	40	-
4-Hexyloxy Benzaldehyde	10	97	-	-	-	86	-	15	-
	100	>100	-	-	-	97	-	NE	NE

9/17

FIGURE 7

Drug	(μM)	Keratinocytes											
		Ultraviolet Light						Phorbol Ester					
		PGE-2	IL-1	IL-6	IL-8	TNF-α	MMP-1	PGE-2	IL-1	IL-6	IL-8	TNF-α	MMP-1
CX-1	1	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Diethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-2	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde Dimethyl Acetal	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	100	NE	NE	NE	NE	NE
CX-3	1	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Triethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-4	1	24	NE	65	NE	-	-	-	-	NE	-	-	-
3,5-di-tert-butyl-4-hydroxy Benzaldehyde	10	68	NE	66	NE	-	-	94	-	70	28	-	-
	100	Crystals	Crystals	Crystals	Crystals	-	-	Crystals	-	Crystals	Crystals	Crystals	-
CX-5	1	-	-	-	-	-	-	-	-	-	-	-	-
2-Ethoxy Benzaldehyde	10	16	NE	54	NE	-	-	55	-	NE	NE	-	-
	100	33	NE	78	NE	-	-	91	-	54	23	-	-
CX-6	1	-	-	-	-	-	-	-	-	-	-	-	-
2-Propoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-7	1	-	-	-	-	-	-	-	-	-	-	-	-
3-Dodecycloxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-8	1	-	-	-	-	-	-	-	-	-	-	-	-
3-Ethoxy 4-Hydroxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	58	58	NE	NE	7	NE
CX-9	1	-	-	-	-	-	-	-	-	-	-	-	-
3-Benzoyloxy-4,5-Dimethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-10	1	-	-	-	-	-	-	-	-	-	-	-	-
3-Ethoxy Benzaldehyde	10	21	NE	53	NE	-	-	74	-	NE	NE	-	-
	100	30	NE	57	NE	-	-	85	-	71	9	-	-
CX-11	1	-	-	-	-	-	-	-	-	-	-	-	-
3,5-Dihydroxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-12	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Methoxy Benzaldehyde	10	NE	NE	NE	NE	-	-	-	-	-	-	-	-
	100	88	NE	78	NE	-	-	-	-	-	-	-	-
CX-13	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Benzoyloxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-14	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Acetoxy-3,5-Dimethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-15	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Hydroxy-3,5-Dimethoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-16	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Allyloxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	36	>100	26	12	30	17
CX-17	1	-	-	-	-	-	-	-	-	-	-	-	-
4-tert-pentyl Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-18	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-19	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-20	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	NE	NE	NE	NE	NE	NE
CX-21	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Ethoxy Benzaldehyde	10	45	15	84	45	-	-	82	-	NE	11	NE	-
	100	68	NE	77	25	-	-	89	53	NE	7	3	NE
CX-22	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Propoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-23	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Butoxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-
CX-24	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Pentyloxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	>100	12	100	77	90	>100	>100	>100	37	6	26	NE
CX-25	1	-	-	-	-	-	-	-	-	-	-	-	-
4-Hexyloxy Benzaldehyde	10	-	-	-	-	-	-	-	-	-	-	-	-
	100	98	NE	100	>100	>100	>100	NE	-	74	67	87	80

10/17

FIGURE 8A Percent Inhibition of IL-1 Induced PGE-2 in Fibroblasts

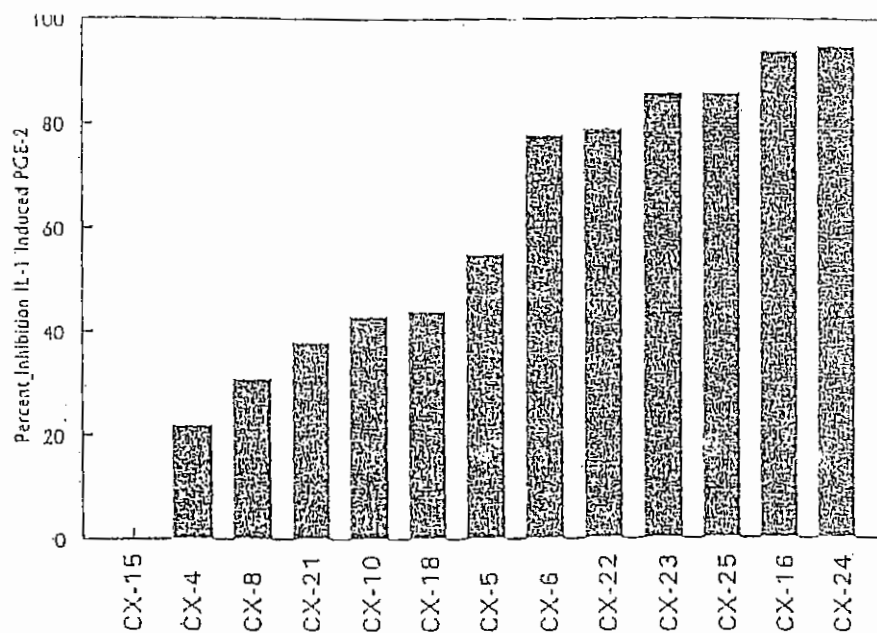
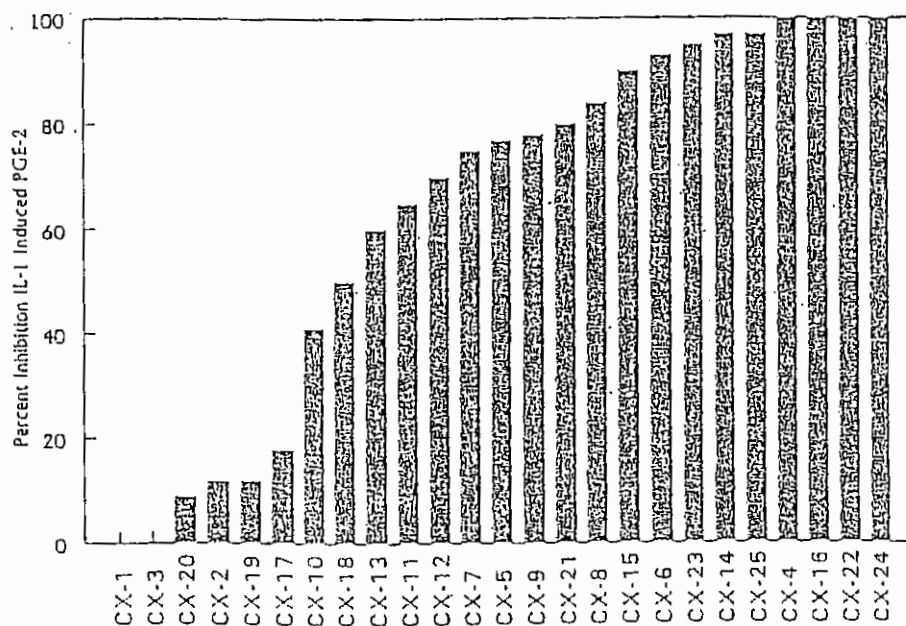


FIGURE 8B Percent Inhibition of IL-1 Induced PGE-2 in Fibroblasts



11/17

FIGURE 9A

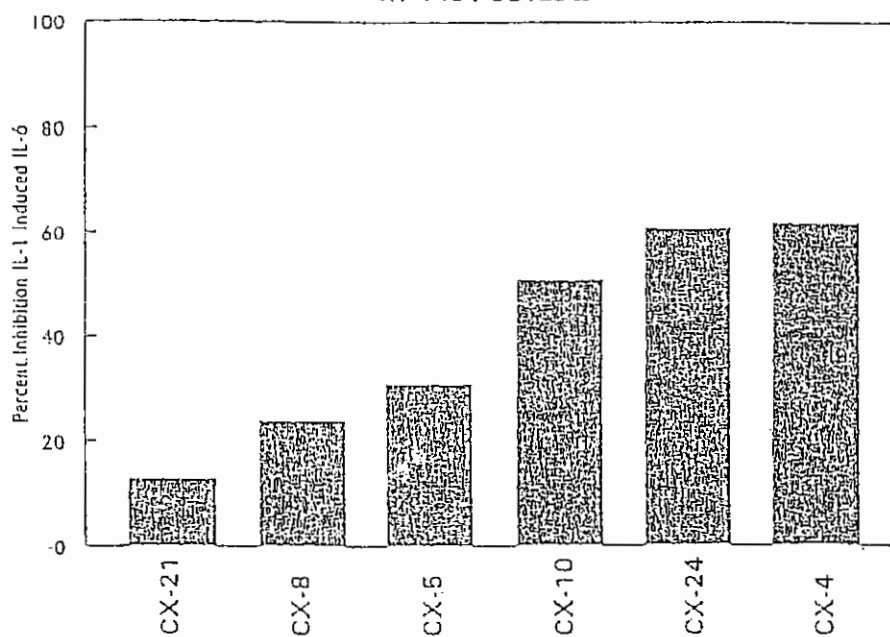
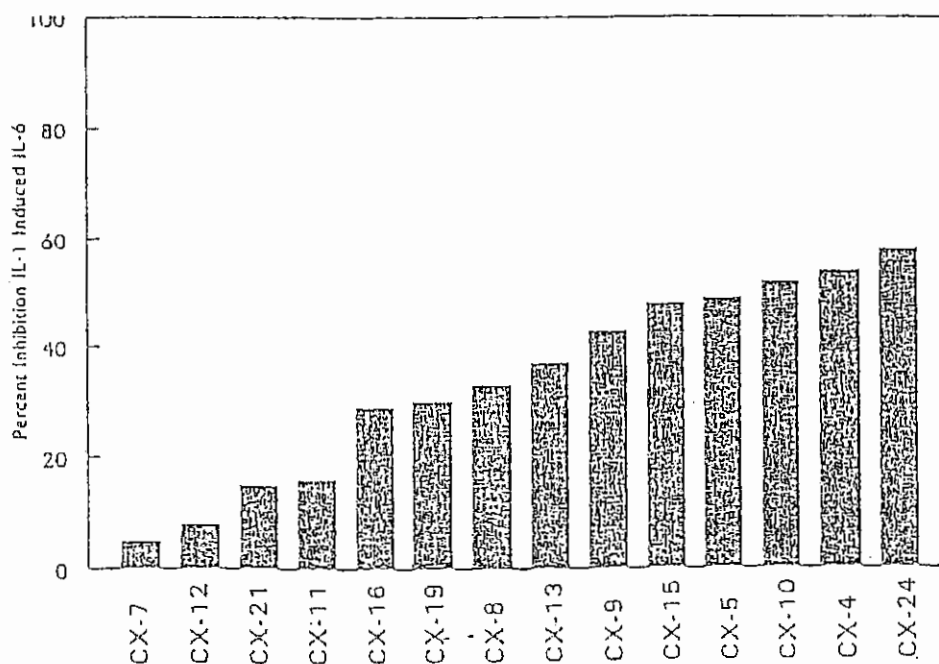
Percent Inhibition of IL-1 Induced IL-6
in Fibroblasts

FIGURE 9B

Percent Inhibition of IL-1 Induced IL-6
in Fibroblasts

12/17

FIGURE 10A Percent Inhibition of IL-1 Induced IL-8
in Fibroblasts

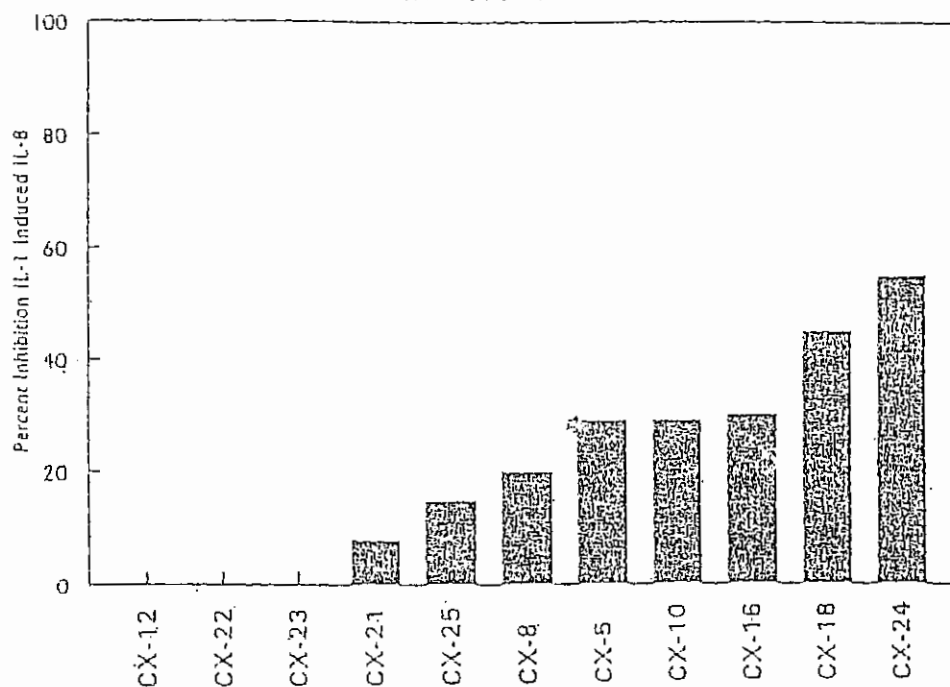
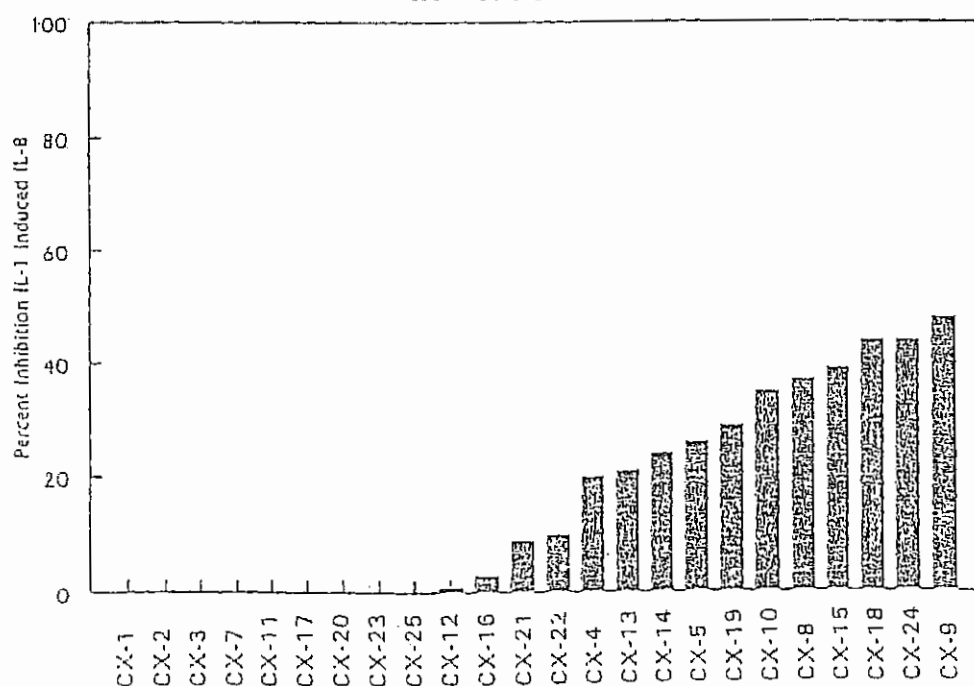


FIGURE 10B Percent Inhibition of IL-1 Induced IL-8
in Fibroblasts



13/17

FIGURE 11A Percent Inhibition of UV Induced PGE-2
in Fibroblasts

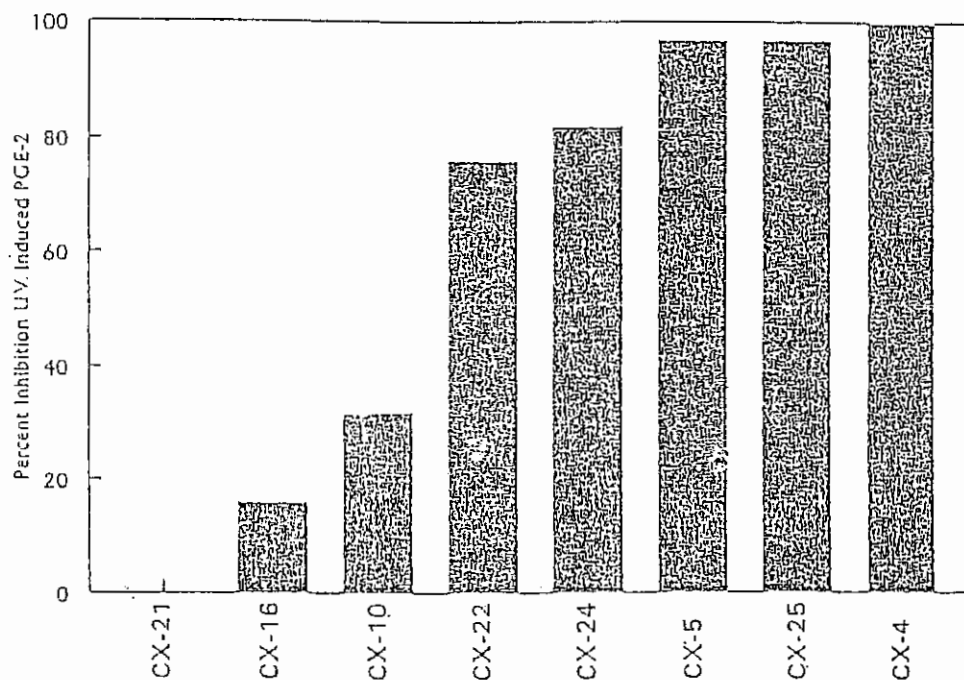
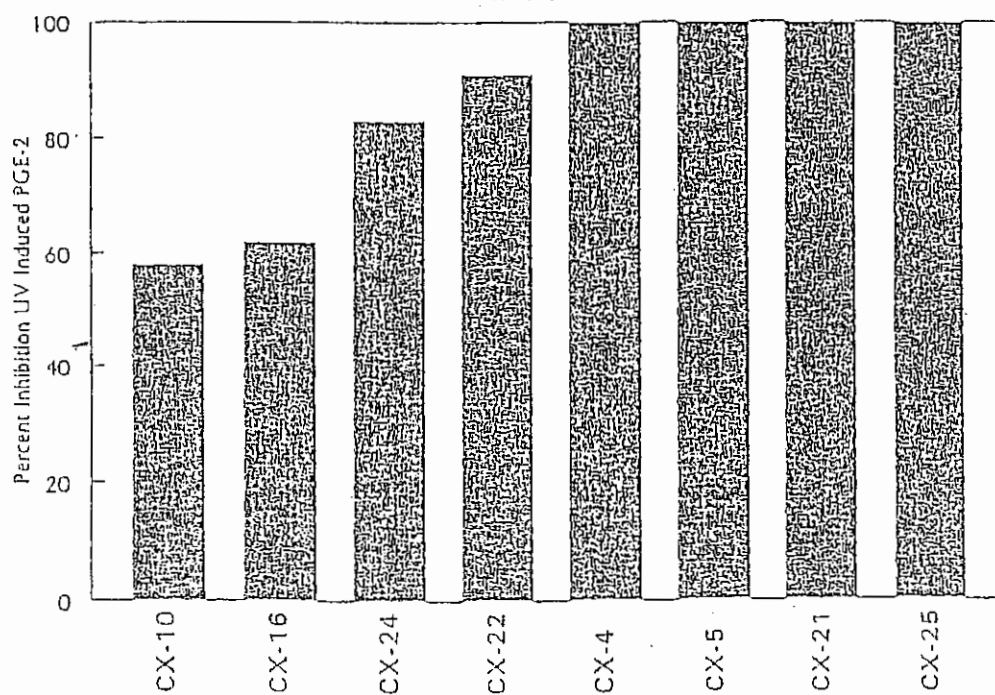


FIGURE 11B Percent Inhibition of UV Induced PGE-2
in Fibroblasts



14/17

FIGURE 12A Percent Inhibition of UV Induced PGE-2 in Keratinocytes

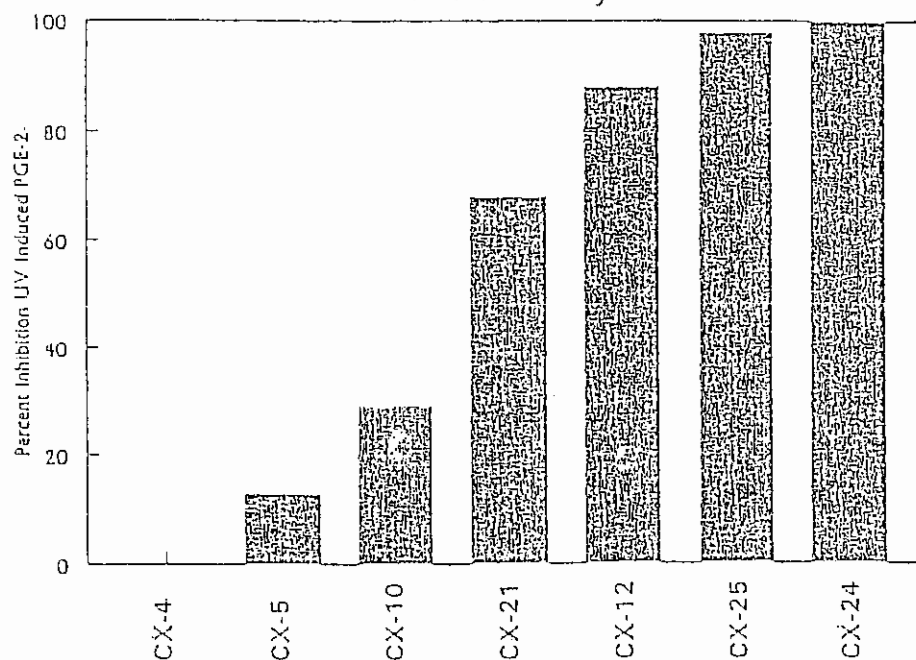
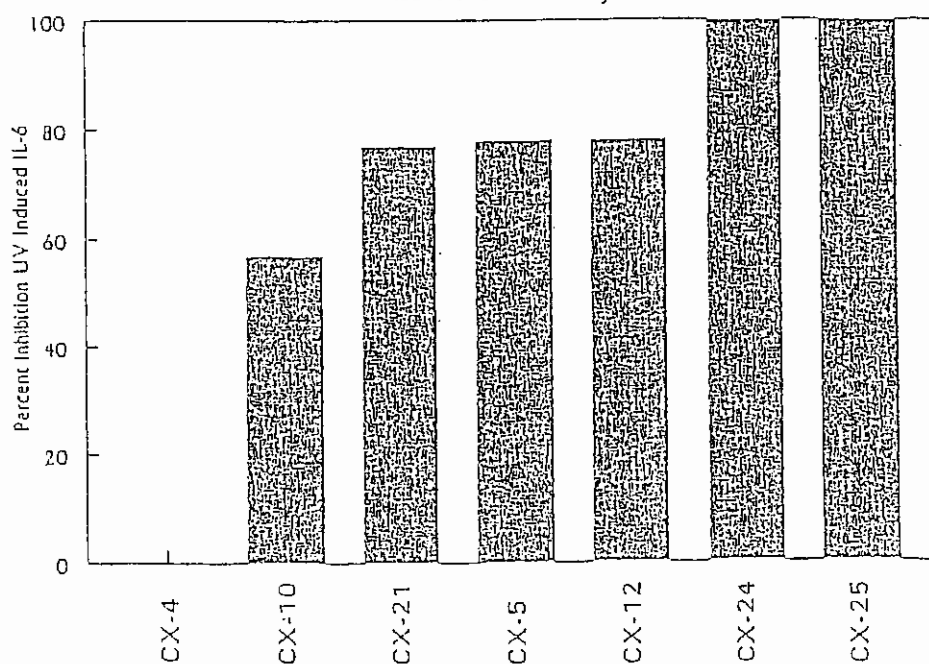


FIGURE 12B Percent Inhibition of UV Induced IL-6 in Keratinocytes



15/17

FIGURE 13A Percent Inhibition of UV Induced IL-8
in Keratinocytes

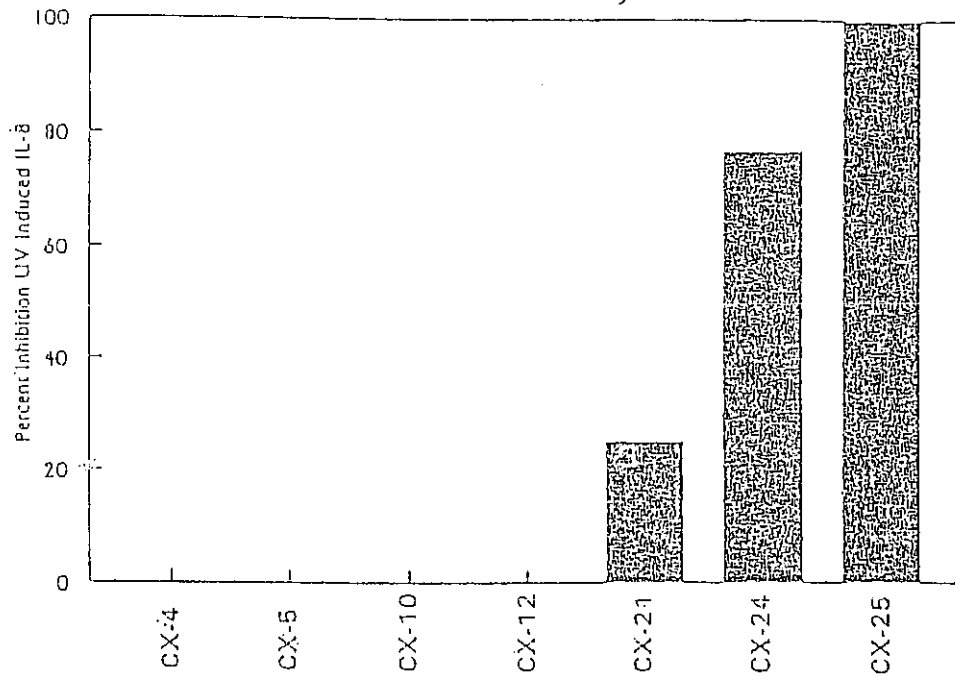
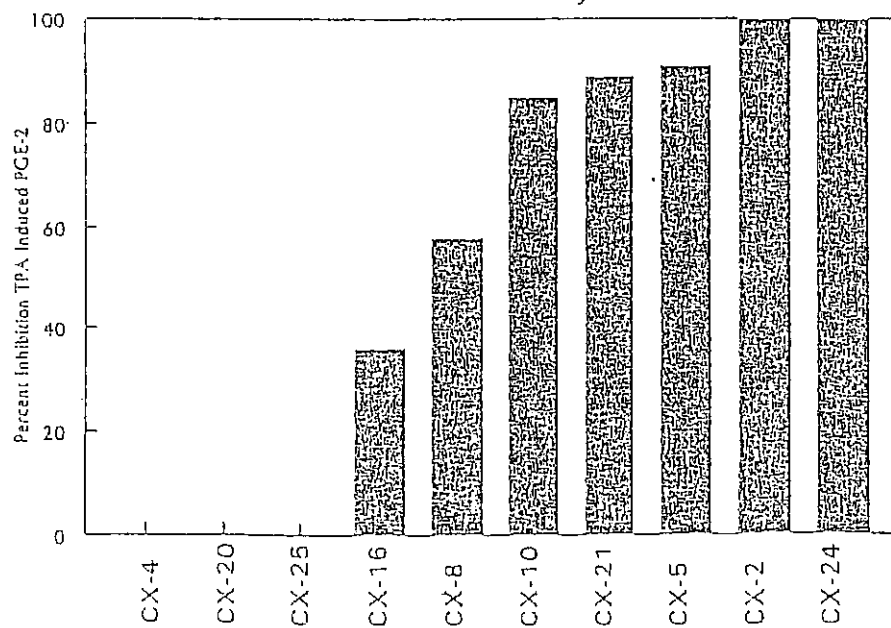


FIGURE 13B Percent Inhibition of TPA Induced PGE-2
in Keratinocytes



16/17

FIGURE 14A

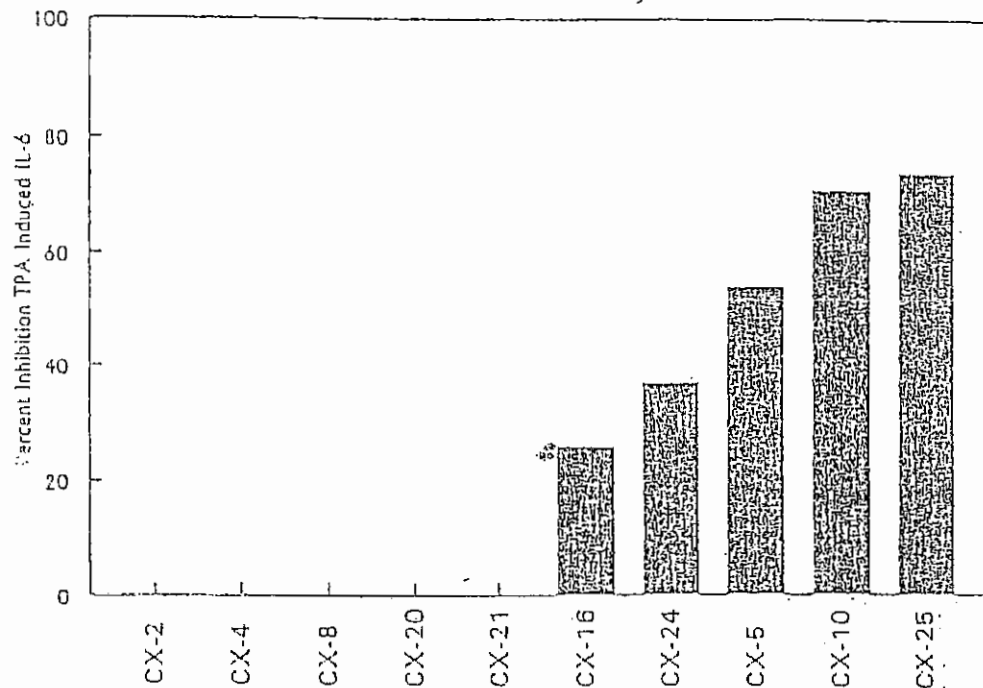
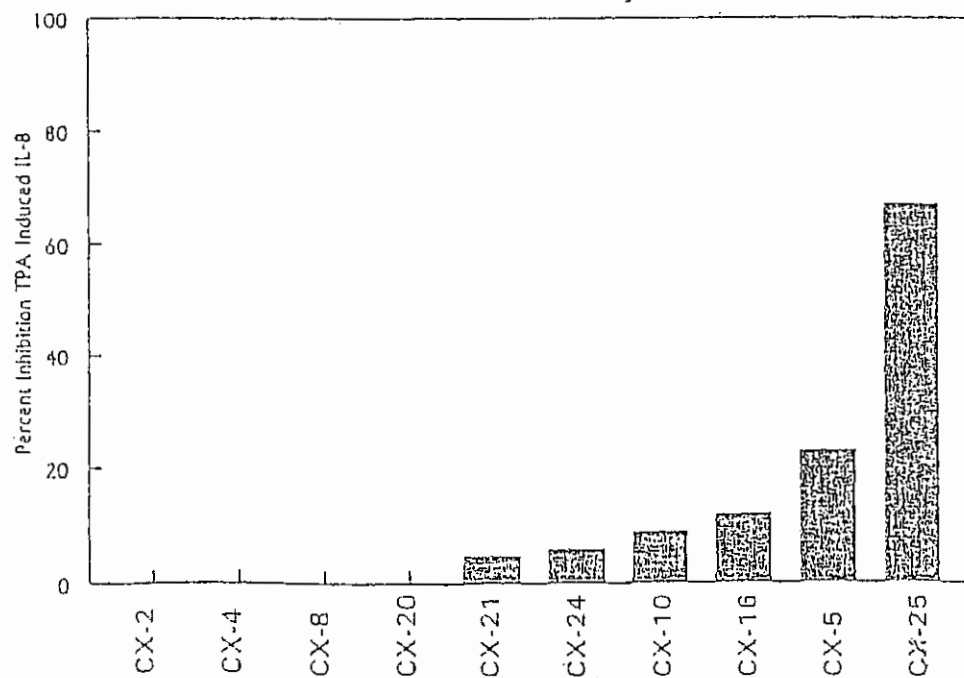
Percent Inhibition of TPA Induced IL-6
in Keratinocytes

FIGURE 14B

Percent Inhibition of TPA Induced IL-8
in Keratinocytes

17/17

FIGURE 15A Effect of Cutanix "Dramatic Relief" Lotion
on Rosacea at 4 Weeks

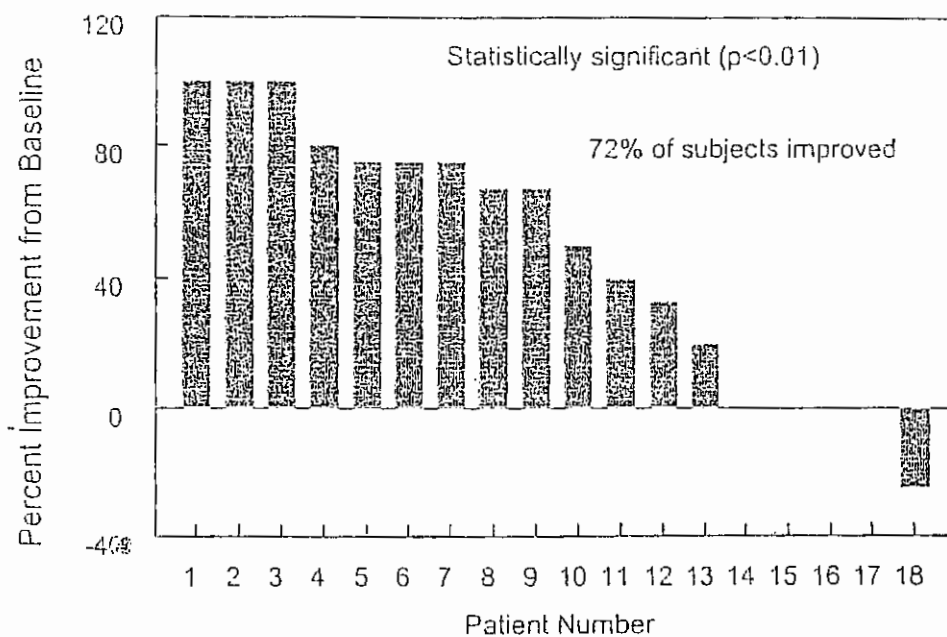


FIGURE 15B Effect of Control Lotion
on Rosacea at 4 Weeks

