

A clinical and mechanistic study of topical borneol-induced analgesia

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Appendix

Appendix Table S1

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		P value
Figure 2		
2A	Ethanol + Saline VS Ethanol + Cap	1.13E-08
	25% Borneol + Cap VS Ethanol + Cap	4.36E-08
2B	Ethanol + Saline VS Ethanol + Cap	3.91E-12
	25% Borneol + Cap VS Ethanol + Cap	6.98E-09
2C	Phase 1	
	1.5% Borneol VS 0% Borneol	4.52E-03
	4.5% Borneol VS 0% Borneol	1.59E-03
	15% Borneol VS 0% Borneol	1.19E-04
	Phase 2	
	4.5% Borneol VS 0% Borneol	1.59E-03
	15% Borneol VS 0% Borneol	9.26E-05
2D	Ethanol (Ipsilateral) VS borneol (Ipsilateral)	
	1 day	4.11E-05
	2 day	4.77E-03
	3 day	3.93E-03
	7 day	3.00E-02
	Ethanol (Ipsilateral) VS Ethanol (Contralateral)	
	1 day	8.59E-05
	2 day	9.44E-07
	3 day	7.43E-07
	7 day	2.53E-02
2E	Ethanol + CFA VS Ethanol + Saline	
	1 day	2.68E-03
	4 day	7.03E-06
	7day	2.77E-02
	Ethanol + CFA VS Borneol + CFA	
	1 day	1.49E-02
	4 day	1.14E-02
Figure 3		
3A	Ethanol + Saline VS Ethanol + Cap	1.33E-08
	15% Borneol + Cap VS Ethanol + Cap	1.41E-05
3B	Ethanol + Saline VS Ethanol + Cap	1.91E-14
	15% Borneol + Cap VS Ethanol + Cap	6.76E-12
3C	Borneol + CFA VS Ethanol + CFA	
	4 day	2.18E-02
	7 day	1.12E-02
	Ethanol + CFA VS Ethanol + Saline	

	1 day	4.47E-02
	4 day	6.54E-04
	7 day	1.61E-02
3D	Saline VS Bicuculline	2.70E-01
3E	Saline VS Bicuculline	9.70E-01
3F	Saline VS Muscimol	4.53E-09
	Muscimol + Bicuculline VS Muscimol	3.19E-04

Figure 5

5B	Phase 1	
	Ethanol (WT) VS Ethanol (TRPM8 ^{-/-})	9.02E-01
	15% Borneol (WT) VS 15% Borneol (TRPM8 ^{-/-})	1.66E-02
	Phase 2	
	Ethanol (WT) VS Ethanol (TRPM8 ^{-/-})	8.25E-01
	15% Borneol (WT) VS 15% Borneol (TRPM8 ^{-/-})	1.76E-03
5C	Ethanol (Ipsilateral) VS borneol (Ipsilateral)	
	1 day	9.60E-01
	2 day	2.47E-01
	3 day	4.63E-01
	7 day	4.87E-01
	10 day	1.70E-01
	14 day	7.49E-01
5D	Ethanol + CFA VS Borneol+ CFA	
	1 day	6.77E-01
	4 day	5.87E-01
	7 day	5.41E-01
5F	Phase 1	
	Ethanol(Saline) VS Ethanol(AMTB)	8.95E-01
	Borneol(Saline) VS Borneol(AMTB)	1.45E-02
	Phase 2	
	Ethanol(Saline) VS Ethanol(AMTB)	9.40E-01
	Borneol(Saline) VS Borneol(AMTB)	5.48E-04

Figure 6

6A	Ethanol VS 15% Borneol	2.44E-07
	Ethanol VS 15% Menthol	2.43E-07
	15% Borneol VS 15% Menthol	7.51E-01
6B	Phase 1	
	Ethanol VS 15% Borneol	7.15E-03
	Ethanol VS 15% Menthol	4.61E-03
	15% Borneol VS 15% Menthol	4.12E-01

	Phase 2	
	Ethanol VS 15% Borneol	1.55E-03
	Ethanol VS 15% Menthol	4.11E-03
	15% Borneol VS 15% Menthol	7.31E-01
6C	Ethanol + Saline VS Ethanol + Cap	2.80E-10
	Ethanol + Cap VS 15% Bornoel + Cap	9.30E-02
	Ethanol + Cap VS 15% Menthol + Cap	6.33E-05
6D	Ethanol + CFA VS Ethanol + Saline	
	1 day	1.43E-02
	4 day	7.50E-03
	7 day	1.60E-02
	Ethanol + CFA VS Menthol + CFA	
	1 day	1.73E-02
	4 day	4.82E-02
6E	Saline VS Naloxone	5.27E-01
6F	Saline VS Naloxone	2.13E-03
6G	Saline VS Naloxone	5.56E-01
6H	Saline VS Naloxone	7.89E-01
6I	Saline VS LY341495	9.05E-01
6J	Saline VS LY341495	4.49E-03
6K	Ethanol VS 15% Borneol	2.99E-01
	Ethanol VS 15% Menthol	4.17E-04
6L	Ethanol VS 15% Borneol	5.98E-01
	Ethanol VS 15% Menthol	2.34E-05
Fig. EV4	A Saline VS naloxone	4.70E-03
	B Morphine VS Morphine + Naloxone	1.82E-06
Fig. EV5	Ethanol VS 15% Menthol	5.40E-10