

Teasing Out the Interplay Between Natural Killer Cells and Nociceptor Neurons

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Materials

Name	Company	Catalog Number	Comments
Anti-mouse CD16/32	Jackson Laboratory	Cat no: 017769	
B-27	Jackson Laboratory	Cat no: 009669	
Bovine Serum Albumin (BSA) culture grade	World Precision Instruments	Cat no: 504167	
BV421 anti-mouse NK-1.1	Fisher Scientific	Cat no: 12430112	
Cell strainer (50 µm)	Fisher Scientific	Cat no: A3160702	
Collagenase IV	Fisher Scientific	Cat no: 15140148	
Diphtheria toxin ^{fl/fl}	Fisher Scientific	Cat no: SH3057402	
Dispase II	Fisher Scientific	Cat no: 13-678-20B	
Dulbecco's Modified Eagle Medium (DMEM)	Fisher Scientific	Cat no: 07-200-95	
EasySep Mouse NK Cell Isolation Kit	Sigma	Cat no: CLS2595	
Ethylenediaminetetraacetic acid (EDTA)	Sigma	Cat no: C0130	
FACSria III	Sigma	Cat no: 04942078001	
Fetal bovine serum (FBS)	Sigma	Cat no: 806552	
FITC anti-mouse NKp46	Sigma	Cat no: L2020	
Flat bottom 96-well plate	Sigma	Cat no: 03690	
Glass Pasteur pipette	Sigma	Cat no: 470236-274	
Glial cell line-derived neurotrophic factor (GDNF)	VWR	Cat no: 02-0131	
Laminin	Cedarlane	Cat no: 03-50/31	
L-Glutamine	Gibco	Cat no: A14867-01	
Mouse recombinant IL-15	Gibco	Cat no: 22400-089	
Mouse recombinant IL-2	Gibco	Cat no: 21103-049	
Nerve Growth Factor (NGF)	Life Technologies	Cat no: 13257-019	
Neurobasal media	PeptoTech	Cat no: 450-51-10	
PE anti-mouse GM-CSF	PeptoTech	Cat no: 212-12	
Penicillin and Streptomycin	PeptoTech	Cat no: 210-15	

Pestles	Stem Cell Technology	Cat no: 19855	
Phosphate Buffered Saline (PBS)	Biologend	Cat no: 108732	Clone PK136
RPMI 1640 media	Biologend	Cat no: 137606	Clone 29A1.4
TRPV1 ^{Cre}	Biologend	Cat no: 505406	Clone MP1-22E9
Tweezers and dissection tools.	Biologend	Cat no: 65-0865-14	
U-Shaped-bottom 96-well plate	Biologend	Cat no: 101319	
Viability Dye eFlour-780	Becton Dickinson		