

Electronic Supplementary Material

The Establishment and Validation of the Human U937 Cell Line as a Cellular Model to Screen Immunomodulatory Agents Regulating Cytokine Release Induced by Influenza Virus Infection

Ge Liu^{1,2}, Si Chen^{1,2}, Ao Hu^{1,2}, Li Zhang^{1,2}, Wenyu Sun^{1,2}, Jungang Chen¹, Wei Tang¹, Haiwei Zhang¹, Chunlan Liu¹, Chang Ke³, Xulin Chen^{1,2,✉}

1. State Key Laboratory of Virology, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan 430071, China;
2. University of Chinese Academy of Sciences, Beijing 100049, China;
3. Wuhan Virolead Biopharmaceutical Company, Wuhan 430075, China

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Table S1. Hits identified in the primary HTS for CCL2 and CXCL10 inhibitors.

CCL2 inhibitors		CXCL10 inhibitors	
Drug Name	Bioactivity and possible targets	Drug Name	Bioactivity and possible targets
Pitavastatin Calcium	Antihyperlipidemic,HMGC _o A reductase inhibitor	Pitavastatin Calcium	Antihyperlipidemic,HMGC _o A reductase inhibitor
Simvastatin	Antihyperlipidemic,HMGC _o A reductase inhibitor	Simvastatin	Antihyperlipidemic,HMGC _o A reductase inhibitor
Fluvastatin	Antihyperlipidemic,HMGC _o A reductase inhibitor	Fluvastatin	Antihyperlipidemic,HMGC _o A reductase inhibitor
Bithionate Sodium	Anthelmintic, Antiseptic	Bithionate Sodium	Anthelmintic, Antiseptic
Selamectin	Anthelmintic, Chloride channels agonist	Selamectin	Anthelmintic, Chloride channels agonist
Quinacrine HCL	Anthelmintic,Antimalarial	Quinacrine HCL	Anthelmintic,Antimalarial
Manidipine HCL	Antihypertensive, Calcium channel blocker	Manidipine HCL	Antihypertensive, Calcium channel blocker
Penbutolol Sulfate	Antihypertensive,Beta-adrenergic blocker	Penbutolol Sulfate	Antihypertensive,Beta-adrenergic blocker
Dasatinib	Antineoplastic,tyrosine kinase inhibitor	Dasatinib	Antineoplastic,tyrosine kinase inhibitor
Vinblastine Sulfate	Antineoplastic, Microtubule assembly inhibitor	Vinblastine Sulfate	Antineoplastic, Microtubule assembly inhibitor
Moxifloxacin HCL	Antibacterial, DNA gyrase, and topoisomerase IV inhibitor	Moxifloxacin HCL	Antibacterial, DNA gyrase, and topoisomerase IV inhibitor
Levofloxacin	Antibacterial, DNA gyrase, and topoisomerase IV inhibitor	Levofloxacin	Antibacterial, DNA gyrase, and topoisomerase IV inhibitor
Protryptiline HCL	Antidepressant,Seritonin reuptake inhibitor	Protryptiline HCL	Antidepressant,Seritonin reuptake inhibitor
Milnacipran HCl	Antidepressant, Serotonin reuptake inhibitor	Milnacipran HCl	Antidepressant, Serotonin reuptake inhibitor
Mometasone Furoate	Antiinflammatory,Glucocorticoid	Mometasone Furoate	Antiinflammatory,Glucocorticoid
Adiphenine HCL	Muscle Relaxant, Cholinergic receptor inhibitor	Adiphenine HCL	Muscle Relaxant, Cholinergic receptor inhibitor
Flunisolide	Antiinflammatory, Glucocorticoid	Vincristine Sulfate	Antineoplastic,Microtubule assembly inhibitor
Flumethasone	Antiinflammatory, Glucocorticoid	Streptozosin	Antineoplastic,DNA damage
Flurandrenolide	Antiinflammatory, Glucocorticoid	Estramustine	Antineoplastic
Dexamethasone Acetate	Antiinflammatory, Glucocorticoid	Tolnaftate	Antifungal, Squalene epoxidase inhibitor
Flumethazone Pivalate	Antiinflammatory, Glucocorticoid	Minocycline HCL	Antibacterial, Tetracycline antibiotics
Fluocinolone Acetonide	Antiinflammatory, Glucocorticoid	Chloroxylenol	Antibacterial
Fluocinonide	Antiinflammatory, Glucocorticoid	Monensin Sodium	Antibacterial
Fluorometholone	Antiinflammatory, Glucocorticoid	Pyrimethamine	Anthelmintic, Dihydrofolate reductase inhibitors
Betamethasone	Antiinflammatory, Glucocorticoid	Chloroquine Diphosphate	Anthelmintic, Antimalarial
Clobetasol Propionate	Antiinflammatory, Glucocorticoid	Albendazole	Anthelmintic
Alclometazone Dipropionate	Antiinflammatory, Glucocorticoid	Tetramizole HCL	Anthelmintic
Fluticasone Propionate	Antiinflammatory, Glucocorticoid	Glyburide	Antidiabetic, Potassium channels blocker
Fludrocortisone Acetate	Antiinflammatory, Mineralocorticoid	Atomoxetine HCL	Anti-ADHD, Norepinephrine reuptake inhibitor
Carprofen	Antiinflammatory, Non-specific COX inhibitor	Chlorpromazine	Antipsychotic , neurotransmitter receptor antagonist
Rofecoxib	Antiinflammatory, COX2 inhibitor	Proadifen HCL	Prevent drug metabolism , Cytochrome P450 inhibitor
Benzylamine HCl	Antiinflammatory , Prostaglandin synthetase inhibitor	Ethinyl Estradiol	Contraceptives, Estrogen
Protirelin	Antidepressant, Prothyrotropin	Phenoxybenzamine	Antihypertensive, Alpha adrenergic blocker
Alaproclate	Antidepressant, Seritonin reuptake inhibitor		
Perphenazine	Antidepressant, Antipsychotic		
Losartan	Antihypertensive, AT1 Angiotensin II Antagonist		
Benzthiazide	Antihypertensive		

CCL2 inhibitors		CXCL10 inhibitors	
Drug Name	Bioactivity and possible targets	Drug Name	Bioactivity and possible targets
Chlorothiazide	Antihypertensive		
Ketoconazole	Antifungal, 14alpha-demethylase inhibitor		
Chlorhexidine 2HCL	Antibacterial (Topical), Disinfectant		
Cephapirin Sodium	Antibacterial		
Cefotaxime Sodium	Antibacterial		
Primaquine Phosphate	Anthelmintic, Antimalarial		
Doramectin	Anthelmintic		
Oxfendazole	Anthelmintic		
Eprinomectin	Anthelmintic		
Nafonyl Oxalate	Vasodilator, 5-HT2 receptor antagonist		
Levosimendan	Vasodilator, potassium channels agonist		
Metaxalone	Muscle Relaxant, Central nervous system inhibitor		
Carisoprodol	Muscle Relaxant		
Papaverine HCL	Muscle Relaxant, Cerebral Vasodilator		
Desoxycorticosterone Acetate	Mineralocorticoid		
Pyridostigmine Bromide	Antimyasthenic, Cholinergic inhibitor		
Allopurinol	Antigout, Xanthine oxidase inhibitor		
Carbinoxamine Maleate	Antihistaminic, Histamine H1 antagonist		
Edoxudine	Antiviral, nucleoside analog		
Bupivacaine HCl	Anesthetic (Local)		
Oxcarbazepine	Anticonvulsant, Sodium channels blocker		
Isotretinoin	Antiacne, Antineoplastic		
Tretinoin	Antiacne, Antineoplastic		