

SUPPLEMENTARY MATERIAL

TABLE S1: All drugs included in the ReDO_DB and CDcervix_DB

ReDO_DB		CDcervix_DB	
Acetaminophen	Loperamide	Abemaciclib	Ixazomib
Acetazolamide	Lopinavir	Abiraterone	Lanreotide
Acetylsalicylic acid	Loratadine	Acalabrutinib	Lapatinib
Adapalene	Losartan	Afatinib	Larotrectinib
Ademetionine	Lovastatin	Aflibercept	Lenalidomide
Agomelatine	Loxoprofen	Aldesleukin	Lenvatinib
Albendazole	Macitentan	Alectinib	Letrozole
Alendronic acid	Manipine	Alemtuzumab	Leuprolide
Aliskiren	Maraviroc	Alitretinoin	Lomustine
Allopurinol	Mebendazole	Alpelisib	Lorlatinib
Alpha-lipoic acid	Meclizine	Altretamine	Lu 177-dotatate
Amantadine	Meclofenamate	Aminolevulinic acid	Lurbinectedin
Amiloride	Mefenamic acid	Amsacrine	Medroxyprogesterone
Aminophylline	Mefloquine	Anastrozole	Megestrol
Amiodarone	Megestrol acetate	Apalutamide	Melphalan
Amitriptyline	Melatonin	Arsenic trioxide	Mercaptopurine
Amlodipine	Meloxicam	Asparaginase	Midostaurin
Amodiaquine	Memantine	Avapritinib	Mifamurtide
Anagrelide	Menatetrenone	Axicabtagene	Mitoxantrone
Anakinra	Mepacrine	Axitinib	Mogamulizumab
Aprepitant	Mepyramine	Azacitidine	Moxetumomab
Aprotinin	Mesalazine	BCG vaccine	Necitumumab
Argatroban	Metformin	Belantamab	Nelarabine
Aripiprazole	Methazolamide	Belinostat	Neratinib
Artesunate	Methimazole	Belotecan	Nilotinib
Ascorbic acid	Methylene blue	Bendamustine	Nilutamide
Atenolol	Methylnaltrexone	Bexarotene	Nintedanib
Atorvastatin	Metoclopramide	Bicalutamide	Niraparib
Atovaquone	Metyrapone	Binimetinib	Obinutuzumab
Atrial natriuretic peptide	Miconazole	Blinatumomab	Ofatumumab
Auranofin	Midazolam	Bortezomib	Olaparib
Azelastine	Mifepristone	Bosutinib	Olaratumab
Azithromycin	Miltefosine	Brentuximab	Omacetaxine
Bazedoxifene	Minocycline	Brexucabtagene	Osimertinib
Bedaquiline	Mirtazapine	Brigatinib	Padeliporfin
Bemiparin	Mometasone	Buserelin	Palbociclib
Benserazide	Montelukast	Busulfan	Panitumumab
Benzatropine	Mycophenolate	Cabazitaxel	Panobinostat
Bepiridil	Nadroparin	Cabozantinib	Pazopanib
Bezafibrate	Naftopidil	Calaspargase pegol	Pegaspargase
Biperiden	Naltrexone	Capmatinib	Peginterferon alfa-2b
Bosentan	Naproxen	Carfilzomib	Pemigatinib
Brexipiprazole	Nelfinavir	Carmofur	Pentostatin

Bromocriptine	Niclosamide	Carmustine	Pertuzumab
Cabergoline	Nicotinamide	Ceritinib	Pipobroman
Caffeine	Nifedipine	Cetuximab	Pixantrone
Calcipotriol	Nifuroxazide	Chlorambucil	Plicamycin
Calcitriol	Nifurtimox	Chlormethine	Polatuzumab
Canagliflozin	Nimesulide	Cladribine	Polyestradiol phosphate
Candesartan	Nimodipine	Clofarabine	Pomalidomide
Captopril	Nisoldipine	Cobimetinib	Ponatinib
Carbimazole	Nitazoxanide	Copanlisib	Porfimer
Carglumic acid	Nitisinone	Crizotinib	Pralatrexate
Carvedilol	Nitroglycerin	Cytarabine	Pralsetinib
Celecoxib	Nitroxoline	Dabrafenib	Prednisolone
Cephalexin	Norethandrolone	Dacarbazine	Prednisone
Chloramphenicol	Noscapine	Dacomitinib	Procabazine
Chloroquine	Obeticholic acid	Dactinomycin	Racotumomab
Chlorpromazine	Olanzapine	Daratumumab	Radium 223 dichloride
Cholecalciferol	Olmesartan	Darolutamide	Ramucirumab
Cholera vaccine	Olsalazine	Dasatinib	Ranimustine
Ciclopirox	Omega 3	Decitabine	Regorafenib
Cidofovir	Omeprazole	Degarelix	Ribociclib
Cilnidipine	Orlistat	Denileukin	Ripretinib
Cimetidine	Ormeloxifene	Denosumab	Rituximab
Ciprofloxacin	Oseltamivir	Dexamethasone	Romidepsin
Citalopram	Ouabain	Dexrazoxane	Rucaparib
Clarithromycin	Oxcarbazepine	Dinutuximab	Ruxolitinib
Clemastine	Pamidronic acid	Duvelisib	Sacituzumab
Clioquinol	Pantoprazole	Edotreotide	Selinexor
Clodronic acid	Parecoxib	Elotuzumab	Selpercatini
Clofazimine	Paricalcitol	Emapalumab	Sipuleucel-T
Clofoctol	Paroxetine	Enasidenib	Sonidegib
Clomifene	Penfluridol	Encorafenib	Sorafenib
Clomipramine	Pentamidine	Entrectinib	Streptozocin
Clopidogrel	Pentoxifylline	Enzalutamide	Sunitinib
Clotrimazole	Perphenazine	Erdafitinib	Tafasitamab
Colchicine	Phenelzine	Eribulin	Tagraxofusp
Cyproheptadine	Phenoxybenzamine	Erlotinib	Talazoparib
			Talimogene
Dalteparin	Phentolamine	Estramustine	Laherparepvec
Danazol	Phenylbutyrate	Etoposide	Tamoxifen
Dapsone	Phenytoin	Everolimus	Tazemetostat
Deferasirox	Pimozide	Exemestane	Temoporfin
Deferiprone	Pioglitazone	Fedratinib	Temozolomide
Deferoxamine	Pirfenidone	Fludarabine	Temsirolimus
Desmopressin	Piroxicam	Fluoxymesterone	Thalidomide
Diazoxide	Plerixafor	Flutamide	Thiotepa
Diclofenac	Posaconazole	Fosfestrol	Tioguanine
Diflunisal	Pravastatin	Fotemustine	Tisagenlecleucel
Digoxin	Prazosin	Fulvestrant	Tivozanib

Digoxin	Prochlorperazine	Gefitinib	Toremifene
Dimethyl fumarate	Promethazine	Gemtuzumab	Tositumomab
Dipyridamole	Propafenone	Gilteritinib	Trabectedin
Disulfiram	Propranolol	Glasdegib	Trametinib
Donepezil	Pyridoxine	Goserelin	Trastuzumab
		Histamine	Trastuzumab
Doxazosin	Pyrimethamine	dihydrochloride	Deruxtecan
Doxycycline	Pyrvinium pamoate	Histrelin	Trastuzumab emtansine
Dronedarone	Quetiapine	Ibritumomab tiuxetan	Tretinoin
Dutasteride	Rabeprazole	Ibrutinib	Trifluridine
Ebastine	Ranitidine	Idelalisib	Triptorelin
Efavirenz	Ranolazine	Imatinib	Trofosfamide
Eflornithine	Repaglinide	Imiquimod	Tucatinib
Emetine	Reserpine	Inotuzumab	Vandetanib
Enalapril	Ribavirin	Interferon alfa-2b	Vemurafenib
Enoxaparin	Rifabutin	Iobenguane	Venetoclax
Epalrestat	Rifampicin	Ipilimumab	Vismodegib
Esomeprazole	Riluzole	Isatuximab	Vorinostat
Ethacrynic acid	Risedronic acid	Ivosidenib	Zanubrutinib
Etodolac	Risperidone	Ixabepilone	
Etoricoxib	Ritonavir		
Famotidine	Roflumilast		
Fasudil	Rosuvastatin		
Felodipine	Roxatidine		
Fenofibrate	Roxithromycin		
Fenoldopam	Sertraline		
Finasteride	Sildenafil		
Fingolimod	Simvastatin		
Flubendazole	Sirolimus		
Flucytosine	Sodium aurothiomalate		
Flunarizine	Sodium bicarbonate		
Fluoxetine	Spiro lactone		
Fluphenazine	Sulfasalazine		
Flurbiprofen	Sulindac		
Fluspirilene	Suramin		
Fluvastatin	Tacalcitol		
Fluvoxamine	Tadalafil		
Ganciclovir	Telmisartan		
Glibenclamide	Terbinafine		
Glipizide	Teriflunomide		
Griseofulvin	Thiabendazole		
Haloperidol	Thioridazine		
Hydralazine	Ticagrelor		
Hydroxychloroquine	Ticlopidine		
Hymecromone	Tigecycline		
Ibandronic acid	Timolol		
Ibudilast	Tinzaparin		
Ibuprofen	Tioconazole		

Idebenone	Tocilizumab		
Imipramine	Tofacitinib		
Indomethacin	Tolfenamic acid		
Irbesartan	Topiramate		
Itraconazole	Tranexamic acid		
Ivermectin	Tranilast		
Ketamine	Trazodone		
Ketoconazole	Triamterene		
Ketoprofen	Trifluoperazine		
Ketorolac	Trimetazidine		
Lamotrigine	Ulinastatin		
Lansoprazole	Ursodeoxycholic acid		
L-Arginine	Valproic acid		
Leflunomide	Valsartan		
Levamisole	Vardenafil		
Levetiracetam	Verapamil		
Levofloxacin	Verteporfin		
Levonorgestrel	Warfarin		
L-Glutamine	Zidovudine		
Lidocaine	Zileuton		
Liraglutide	Zoledronic acid		
Lithium			

Table S2: Table with type of evidence and number of occurrence per drug of drugs that after in depth review were not deemed potential repurposing candidate.

DRUG	number of <i>in vitro</i> results in publications	number of <i>in vivo</i> results in publications	number of human results in publications	number of registered trials in trial databases
Abemaciclib	1	1	0	0
Acetylsalicylic acid	4	0	1	1
Ademetionine	1	0	0	0
Afatinib	1	1	0	0
Alitretinoin	4	0	1	0
Allopurinol	0	0	1	0
Alpelisib	1	0	0	0
Altretamine	0	0	2	0
Aminolevulinic acid	13	1	1	0
Amiodarone	1	0	0	0
Amitriptyline	1	0	0	0
Amsacrine	1	0	1	0
Ascorbic acid	4	1	4	1
Auranofin	3	1	0	0
Axitinib	0	0	0	1
Azacitidine	4	1	0	0
BCG vaccine	0	0	3	0
Belotecan	2	1	1	1
Bosutinib	1	0	0	1
Bromocriptine	0	1	2	0
Cabozantinib	0	0	1	3
Caffeine	3	0	1	0
Calcipotriol	9	1	2	0
Calcitriol	10	1	2	0
Candesartan	1	0	0	0
Carmofur	0	0	2	0
Carmustine	3	1	0	0
Celecoxib	15	2	8	2
Chlorambucil	0	0	3	0
Chlormethine	2	0	3	0
Chloroquine	7	0	0	0
Cholecalciferol	10	0	2	0
Ciclopirox	3	0	0	0
Cladribine	1	0	0	0
Clomifene	0	0	1	0
Clotrimazole	1	0	0	0
Colchicine	3	2	0	0
Copanlisib	1	1	0	0
Crizotinib	2	1	0	0
Cytarabine	2	1	1	0
Dactinomycin	10	0	2	0

Danazol	1	0	0	0
Deferiprone	2	1	0	0
Denosumab	0	0	0	0
Dexamethasone	23	1	0	0
Digoxin	3	0	0	0
Dipyridamole	2	1	0	0
Disulfiram	1	0	0	0
Eflornithine	1	0	0	0
Emetine	6	0	0	0
Eribulin	0	0	0	1
Esomeprazole	1	0	0	0
Estramustine	1	0	0	0
Etoposide	30	4	42	2
Fingolimod	1	1	0	0
Fludarabine	0	0	2	1
Fluoxetine	1	0	0	0
Flurbiprofen	1	1	0	0
Flutamide	2	0	0	0
Fluvastatin	1	0	0	0
Histamine dihydrochloride	2	0	0	0
Hydroxychloroquine	1	0	0	0
Ibuprofen	0	0	1	0
Imatinib	4	1	1	0
Imiquimod	7	3	0	1
Indomethacin	4	2	2	0
Itraconazole	4	1	0	0
Ivermectin	1	0	0	0
Ixabepilone	0	0	2	1
Lanreotide	2	2	0	0
Lansoprazole	0	0	1	1
Lapatinib	1	1	2	2
Lenvatinib	0	0	0	1
Letrozole	0	0	0	1
Levamisole	0	0	3	0
Lidocaine	0	0	2	0
Lithium	1	1	0	0
Lomustine	0	0	4	0
Lopinavir	4	1	1	0
Medroxyprogesterone	4	2	0	0
Mefloquine	1	0	0	0
Megestrol	0	0	1	0
Melphalan	2	0	0	0
Mepacrine	1	0	0	0
Mepyramine	1	0	0	0
Methazolamide	0	0	0	1
Methylene blue	1	0	0	0

Metronidazole	0	0	0	1
Mitoxantrone	0	0	2	0
Neratinib	1	1	1	0
Nintedanib	0	0	0	3
Olmesartan	2	0	0	0
Omega 3	7	0	1	1
Omeprazole	1	0	0	0
Ormeloxifene	1	1	0	0
Panitumumab	0	0	0	1
Palbociclib	1	0	0	0
Panobinostat	2	0	0	0
Parecoxib	0	0	1	0
Pentoxifylline	4	0	1	0
Phenylbutyrate	2	0	0	0
Pioglitazone	1	1	0	0
Plicamycin	3	1	0	0
Pravastatin	1	0	0	0
Propranolol	1	0	0	0
Rifampicin	1	0	0	0
Ritonavir	2	1	0	0
Selinexor	0	0	0	2
Simvastatin	2	0	0	0
Sirolimus	8	3	2	0
Sorafenib	2	2	1	1
Streptozocin	1	0	0	0
Sulindac	6	1	0	0
Sunitinib	3	2	1	1
Talazoparib	1	0	0	1
Tamoxifen	9	0	2	1
Temoporfin	2	0	1	0
Temsirolimus	1	0	2	3
Thalidomide	1	1	0	0
Thioridazine	3	0	1	0
Thiotepa	0	0	1	0
Tigecycline	1	1	0	0
Tocilizumab	1	1	0	0
Tolfenamic acid	1	1	0	0
Trametinib	1	0	1	0
Trastuzumab	6	2	0	2
Trastuzumab deruxtecan	0	0	0	1
Trazodone	0	0	1	0
Tretinoin	48	2	8	3
Tucatinib	0	0	0	1
Ulinastatin	0	0	2	0
Ursodeoxycholic acid	1	0	1	0
Valsartan	1	0	0	0

Verapamil	1	0	0	0
Vorinostat	11	5	0	1
Zidovudine	1	0	0	0