

<b>Appendix 1- Search Keywords</b>		
<b>Part 1.1. Keywords used to prepare research strategy</b>		
(priority* OR preference OR precedence) AND (respiratory OR breath*) AND (infection OR disease OR system) AND (guide* OR instruct* OR recommend* OR suggest* OR principal OR standard) AND strategy* AND report AND (Research OR Study OR investigation)		
<b>Part 1.2. Keywords used for Iranian Study Mapping</b>		
<b>General keywords</b>	("respiratory tract infection" OR "respiratory infection" OR respiratory*) AND Iran AND human	
<b>Common keywords</b>	immun* OR opportun* OR drug resistan* OR nosocomial OR (hospital-acquired OR "hospital acquired") OR community OR "healthcare associated infection" OR First* OR transplant OR management OR "hospital admission" OR travel OR (treat* OR care* OR therap*) OR medicine OR drug (alternative OR complementary OR integrative) AND medicine OR side effect* OR epidemiology OR incidence OR prevalence OR frequency OR burden OR risk OR ratio OR odds OR attribut* OR (outbreak OR epidemic) factor OR global OR etiology	
<b>Special keywords based on Area</b>	<b>fungi</b>	<i>fung*</i> OR <i>Aspergillus</i> OR <i>Candida</i> OR <i>mucormycosis</i> OR <i>blastomyces</i> OR <i>coccidioides</i> OR <i>Cryptococcus</i> OR "dark-walled mold" OR <i>emmonsia</i> OR <i>Histoplasma capsulatum</i> OR <i>Sporothrix</i> OR <i>schenkii</i> OR <i>Paracoccidioides brasiliensis</i> OR <i>Scedosporium</i>
	<b>Bacterial</b>	Bacterial OR antibiotic* OR (multidrug-resistant OR "multidrug resistant") OR gram negative OR gram positive OR Enterobacteriaceae OR (Escherichia coli OR E. coli) OR Klebsiella OR Enterobacter OR Serratia OR Proteus OR Acinetobacter OR Burkholderia OR Pseudomonas OR Stenotrophomonas OR (non-fermenter OR non ferment*) OR (Staphylococcus OR MRSA OR (methicillin-resistant staphylococcus aureus OR "methicillin resistant staphylococcus aureus")) OR (Mycobacter* OR atypical OR nontuberculous) OR (tuberculosis OR TB) OR Bordetella OR (Streptococcus pneumoniae OR <i>Pneumococc*</i> OR <i>streptococcus</i> ) OR <i>Hemophilus</i> OR <i>Mycoplasma</i> OR <i>Chlamyd*</i> OR <i>Moraxella catarrhalis</i> OR <i>Anaerob*</i> OR <i>Legionella</i> OR <i>Nocardia</i> OR <i>Actinomyces</i> OR <i>Biofilm</i> OR "quorum sensing"
	<b>parasite</b>	Ascaris Lumbricoides OR Toxocara Cati OR Toxocara canis OR Ankylostoma duodenale OR Necator americanus OR Schistosoma japonicum OR Schistosoma mansoni OR Trichinella OR Fasciola OR Capillaria OR Sparogonos OR Strongyloides stercoralis OR Paragonimus westermani OR Dirofilaria OR Echinococcus granulosus OR Filaria OR Entamoeba histolytica OR Cryptosporidium OR Malaria OR Trichomonas OR Toxoplasma gondii OR Visceral leishmaniasis OR Arthropods
	<b>viral</b>	(viral OR virus) OR ("human metapneumovirus" OR HMPV) OR human Bocavirus OR influenza OR Victoria lineage OR Yamagata lineage OR common cold OR ("Middle East Respiratory OR Syndrome" OR MERS OR MERS-CoV OR Coronavirus OR camel OR betacoronavirus) OR ("respiratory syncytial virus" OR RSV OR "human respiratory syncytial virus" OR HRSV) OR adenoviruses OR ("human immunodeficiency virus" OR HIV OR AIDS OR "acute immunodeficiency syndrome") OR orthomyxoviridae OR rhinoviruse,
	<b>Clinical and Nosocomial</b>	(COPD OR "chronic obstructive pulmonary disease") OR ("acute respiratory failure" OR "chronic respiratory failure") OR asthma OR wheezing OR rhinitis OR sarcoidosis OR amyloidosis OR cystic fibrosis OR bronchiectasis OR inhaled OR "primary ciliary dyskinesia" OR exacerb* OR ventila* OR "pulmonary embolism" OR" nosocomial OR opportunistic OR hospital-acquired"