Appendix 2: List of studies that were assessed in full-text and were excluded (n=161), with reasons for exclusion.

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Aachari et al	2020	Tuberculosis infection in Moroccan patients with rheumatic diseases under biologic therapy: a multicenter national study	Annals of the Rheumatic Diseases	English	Already on WHO list	31 out of 33 TB cases had anti-TNF treatment.
Abdulaziz et al	2020	Effectiveness of screening in patients with rheumatic disease before commencing biologic therapy and risk of active tuberculosis	Arthritis and Rheumatology	English	Already on WHO list	58.4% anti-TNF treatment.
Adewole et al	2015	Latent mycobacterium tuberculosis infection among type 2 diabetes mellitus patients	European Respiratory Journal	English	Latent TB only, no progression	
Ahmad et al	2008	Increased incidence of tuberculosis in patients of systemic sclerosis on dexamethasone pulse therapy: a short communication from Kashmir	Indian Journal of Dermatology	English	Ineligible outcome	
Ahmad et al	2011	Vitamin D deficiency and risk for developing pulmonary TB	European Journal of Medical Research	English	Ineligible outcome	
Alcaide et al	1996	Cigarette smoking as a risk factor for tuberculosis in young adults: a case-control study	Tubercle and Lung Disease	English	Published before 2000	
Alemu et al	2022	Tuberculosis incidence in patients with chronic kidney disease: a systematic review and meta-analysis	International Journal of Infectious Diseases	English	Ineligible outcome	
Alhashimi et al	1988	Lung cancer, tuberculin reactivity, and isoniazid	The Southern Medical Journal	English	Published before 2000	
Alkadi et al	2017	Risk of tuberculosis reactivation with rituximab therapy	International Journal of Health Sciences	English	Ineligible outcome	
Arguder et al	2020	Tuberculosis risk in patients with rheumatologic disease treated with biologic drugs	Tuberkuloz ve Toraks	English	Already on WHO list	85.2% anti-TNF treatment.
Arnedo-Pena et al	2014	Vitamin D status and incidence of tuberculosis infection conversion in contacts of pulmonary tuberculosis patients: a prospective cohort study	Epidemiology and Infection	English	Latent TB only, no progression	
Asfuroglu et al	2020	Risk of tuberculosis in pediatric patients treated with biological agents	European Respiratory Journal	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Baghaei et al	2013	Diabetes mellitus and tuberculosis facts and controversies	Journal of Diabetes & Metabolic Disorders	English	Review, no meta-analysis	
Baker et al	2012	The risk of tuberculosis disease among persons with diabetes mellitus: a prospective cohort study	Clinical Infectious Diseases	English	Study in included meta-analysis	Included in Al-Rifai et al meta-analysis.
Balakrishnan et al	1998	Tuberculosis in patients with systemic lupus erythematosus	Journal of the Association of Physicians of India	English	Published before 2000	
Bishwakarma et al	2015	Epidemiologic link between tuberculosis and cigarette/biomass smoke exposure: limitations despite the vast literature	Respirology	English	Ineligible outcome	The study reports very diverse outcome measures.
Borisov et al	2012	Screening and monitoring of tuberculosis in patients on biologics treatment	European Respiratory Journal. Conference	English	Already on WHO list	
Bostanghadiri et al	2022	Mycobacterium tuberculosis and SARS-CoV-2 Coinfections: A Review	Frontiers in Microbiology	English	Ineligible outcome	
Botha-Scheepers et al	2015	Do patients with rheumatoid arthritis without exposure to biological therapy have an increased risk for developing tuberculosis on traditional DMARD therapy?	Annals of the Rheumatic Diseases	English	Ineligible outcome	
Bouley et al	2021	Prevalence of latent tuberculosis in the multiple sclerosis clinic and effect of multiple sclerosis treatment on tuberculosis testing	International Journal of MS Care	English	Latent TB only, no progression	
Brassard P	2011	Inhaled corticosteroids and risk of tuberculosis in patients with respiratory diseases	American Journal of Respiratory and Critical Care Medicine	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Brode SK	2017	The risk of mycobacterial infections associated with inhaled corticosteroid use	European Respiratory Journal	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Brunet et al	2011	High prevalence of smoking among patients with suspected tuberculosis in South Africa	European Respiratory Journal	English	Ineligible outcome	
Cantini et al	2019	Risk of tuberculosis reactivation associated with traditional disease modifying anti-rheumatic drugs and non-anti-tumor necrosis factor biologics	Expert Opinion on Drug Safety	English	Review, no meta-analysis	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
		inpatients with rheumatic disorders and suggestion for clinical practice				
Cantini et al	2020	Systematic review on tuberculosis risk in patients with rheumatoid arthritis receiving inhibitors of Janus Kinases	Expert Opinion on Drug Safety	English	Ineligible outcome	
Cao et al	2022	Vitamin D and the risk of latent tuberculosis infection: a systematic review and meta-analysis	BMC Pulmonary Medicine	English	Latent TB only, no progression	
Catano et al	2016	Isoniazid toxicity and TB development during biological therapy of patients with psoriasis in Colombia	Journal of Dermatological Treatment	English	Already on WHO list	
Cerda et al	2019	Tuberculin test conversion in patients with chronic inflammatory arthritis receiving biological therapy	European Journal of Rheumatology	English	Latent TB only, no progression	
Chatterjee et al	2012	A comparative study of the effect helminth infection on the incidence of active tuberculosis	American Journal of Tropical Medicine and Hygiene	English	Ineligible outcome	
Choi et al	2015	Risk factors for TB in patients with early gastric cancer: Is gastrectomy a significant risk factor for TB?	Chest	English	Ineligible outcome	
Choi et al	2022	The Risk of Tuberculosis in Patients With Inflammatory Bowel Disease Treated With Vedolizumab or Ustekinumab in Korea	Journal of Korean Medical Science	English	Ineligible outcome	
Chu et al	2006	Active and latent tuberculosis among patients with systemic lupus erythematosus in a US population	Arthritis and Rheumatism	English	Ineligible outcome	
Chung et al	2014	Inhaled corticosteroids and the increased risk of pulmonary tuberculosis: a population-based case-control study	International Journal of Clinical Practice	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Cuomo et al	2017	The conversion rate of tuberculosis screening tests during biological therapies in patients with rheumatoid arthritis	Clinical Rheumatology	English	Latent TB only, no progression	
Dantas et al	2021	Latent tuberculosis infection reactivation in patients with multiple sclerosis in use of disease-modifying therapies: a systematic review	Multiple Sclerosis and Related Disorders	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Davies et al	2006	Smoking and tuberculosis: the epidemiological association and immunopathogenesis	Transactions of the Royal Society of Tropical Medicine and Hygiene	English	Ineligible outcome	
de Francisco et al	2019	Risk of tuberculosis in patients with inflammatory bowel disease receiving biologics using two interferon-. release assays as monitoring	Journal of Crohns & Colitis	English	Ineligible outcome	
Demlow et al	2015	Increased risk of tuberculosis among foreign-born persons with diabetes in California, 2010–2012	BMC Public Health	English	Ineligible outcome	
Dobler et al	2012	Risk of tuberculosis among people with diabetes mellitus: an Australian nationwide cohort study	BMJ Open	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.
Dogar et al	2015	Second-hand smoke and the risk of tuberculosis: a systematic review and a meta-analysis	Epidemiology and Infection	English	Ineligible outcome	
Dorjravdan et al	2021	Association between household solid fuel use and tuberculosis: cross-sectional data from the Mongolian National Tuberculosis Prevalence Survey	Environmental Health and Preventive Medicine	English	Ineligible outcome	
Dousa et al	2018	Impact of diabetes mellitus on the presentation and response to treatment of adults with pulmonary tuberculosis in Qatar	Open Forum Infectious Diseases	English	Ineligible outcome	
Duarte et al	2018	Tuberculosis screening in patients with multiple sclerosis who are candidates for natalizumab and fingolimod in a Portuguese tertiary centre	Multiple Sclerosis Journal	English	Latent TB only, no progression	
Dyck et al	2007	The relationship between diabetes and tuberculosis in Saskatchewan: comparison of registered Indians and other Saskatchewan people	Canadian Journal of Public Health	English	Study in included meta-analysis	Included in Jeon et al meta-analysis.
Elewski et al	2020	Association of secukinumab treatment with tuberculosis reactivation in patients with psoriasis, psoriatic arthritis, or ankylosing spondylitis	JAMA Dermatology	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Elewski et al	2020	15261 Lack of tuberculosis reactivation in 12,319 patients with psoriasis, psoriatic arthritis, or ankylosing spondylitis treated with secukinumab: an ad hoc analysis of pooled safety data from 28 clinical trials	Journal of the American Academy of Dermatology	English	Ineligible outcome	
Erdozain et al	2006	High risk of tuberculosis in systemic lupus erythematosus?	Lupus	English	Ineligible outcome	
Evelina et al	2018	Impact of diabetes mellitus on MDR-TB outcome	European Respiratory Journal	English	Ineligible outcome	
Fang et al	2015	Incidence of and risk factors for tuberculosis (TB) in gastric cancer patients in an area endemic for TB: a nationwide population-based matched cohort study	Medicine (Baltimore)	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.
Feng et al	1982	Tuberculosis in patients with systemic lupus erythematosus	Annals of the Rheumatic Diseases	English	Published before 2000	
Ferrara et al	2012	Risk factors associated with pulmonary tuberculosis: Smoking, diabetes and anti-TNFalpha drugs	Current Opinion in Pulmonary Medicine	English	Ineligible outcome	
Fisher-Hoch et al	2008	Type 2 diabetes and multidrug-resistant tuberculosis	Infectious Diseases	English	Ineligible outcome	
Fleischmann et al	2002	Safety and efficacy of disease-modifying anti-rheumatic agents - Focus on the benefits and risks of etanercept	Drug Safety	English	Already on WHO list	
French et al	2019	Cannabis use and the risk of tuberculosis: a systematic review	BMC Public Health	English	Review, no meta-analysis	
Fujita et al	2020	Incidence of active tuberculosis in lung cancer patients receiving immune checkpoint inhibitors	Open Forum Infectious Diseases	English	Ineligible outcome	
Gherghe et al	2015	Increased incidence of tuberculosis among systemic lupus erythematosus patients-should tuberculosis screening at diagnosis be the next step?	Annals of the Rheumatic Diseases	English	Ineligible outcome	Missing RRs values.
Girardi et al	2017	The global dynamics of diabetes and tuberculosis: the impact of migration and policy implications	International Journal of Infectious Diseases	English	Review, no meta-analysis	
Gitman et al	2018	Evaluation of a routine screening program with tuberculin skin testing on	Open forum Infectious Diseases	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
		rates of detection of latent tuberculosis infection and prevention of active tuberculosis in patients with multiple myeloma at a Canadian cancer center				
Glickman et al	2016	Adding insult to injury: exacerbating TB risk with smoking	Cell Host and Microbe	English	Editorial/commentary with no data	
Gogna et al	2018	Tuberculosis in patients with rheumatic diseases and biological therapies: a single-center experience	Indian Journal of Rheumatology	English	Already on WHO list	27 out of 38 patients had anti-TNF treatment.
Grimes et al	2012	Reactivation of latent tuberculosis after treatment with biologic therapy	Inflammatory Bowel Diseases	English	Case report	
Gupta et al	2018	Randomized trial of safety of isoniazid preventive therapy during or after pregnancy	Topics in Antiviral Medicine	English	Ineligible outcome	
Gupta et al	2021	Adverse pregnancy outcomes among HIV-infected women exposed to isoniazid in brief-tb	Topics in Antiviral Medicine	English	Ineligible outcome	
Homolka et al	2016	Risk of tuberculosis in patients treated with biological medicines	Bratislavske Lekarske Listy	English	Editorial/commentary with no data	
Huang et al	2011	Risk of activation or reactivation of latent tuberculosis (TB) associated with monoclonal antibody therapy	Drug Safety	English	Ineligible outcome	
Huang et al	2011	Increased risk of tuberculosis after gastrectomy and chemotherapy in gastric cancer: a 7-year cohort study	Gastric Cancer	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.
Huang et al	2022	The Seroconversion Rate of QuantiFERON-TB Gold In-Tube Test in Psoriatic Patients Receiving Anti-interleukin-23 Monoclonal Antibodies	Dermatologica Sinica	English	Ineligible outcome	
Im et al	2020	Development of tuberculosis in cancer patients receiving immune checkpoint inhibitors	Respiratory medicine	English	Ineligible outcome	
Jackson et al	2013	Diabetes and latent tuberculosis infection: nested case-control study within the predict cohort	Thorax	English	Latent TB only, no progression	
Jayadeep et al	2015	Exposure to second-hand smoke and the risk of tuberculosis in children and adults: a systematic review and meta-analysis of 18 observational studies	PLoS Medicine	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Jian et al	2016	Post-inhaled corticosteroid pulmonary tuberculosis increases lung cancer in patients with asthma	PLoS One	English	Ineligible outcome	
Jick et al	2006	Glucocorticoid use, other associated factors, and the risk of tuberculosis	Arthritis and Rheumatism	English	Study in included meta-analysis	Included in Jeon et al meta-analysis.
Johnson et al	2019	Incidence of opportunistic infections in the tildrakizumab psoriasis clinical development program	Journal of the American Academy of Dermatology	English	Ineligible outcome	
Jung et al	2016	Risk factors for tuberculosis after gastrectomy in gastric cancer	World Journal of Gastroenterology	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.
Jung et al	2022	Comparison of developing tuberculosis following tumor necrosis factor inhibition and interleukin-6 inhibition in patients with rheumatoid arthritis: a nationwide observational study in South Korea, 2013-2018	Arthritis Research and Therapy	English	Ineligible outcome	
Kadavath et al	2013	Effectiveness of combining tuberculin skin test and interferon gamma release assays as a screening strategy for detecting latent tuberculosis infection in high risk patients with systemic lupus erythematosus	Annals of the Rheumatic Diseases	English	Latent TB only, no progression	
Kamboj et al	2006	The risk of tuberculosis in patients with cancer	Clinical Infectious Diseases	English	Ineligible outcome	
Kim et al	1995	Incidence of pulmonary tuberculosis among diabetics	Tubercle and Lung Disease	English	Published before 2000	
Kim et al	1998	Mycobacterium tuberculosis infection in a corticosteroid-treated rheumatic disease patient population	Clinical and Experimental Rheumatology	English	Published before 2000	
Kim et al	1999	Pulmonary tuberculosis in patients with systemic lupus erythematosus	American Journal of Roentgenology	English	Published before 2000	
Kim et al	2008	Solid-organ malignancy as a risk factor for tuberculosis	Respirology	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.
Kim et al	2013	Inhaled corticosteroid is associated with an increased risk of TB in patients with COPD	Chest	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Kobashi et al	2002	Clinical analysis of pulmonary tuberculosis in association with corticosteroid therapy	Internal Medicine	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Koesoemadinata et al	2017	Latent TB infection and pulmonary TB disease among patients with diabetes mellitus in Bandung, Indonesia	Transactions of the Royal Society of Tropical Medicine and Hygiene	English	Ineligible outcome	
Korneva et al	2015	Risk of developing active TB in children with latent TB infection	European Respiratory Journal	English	Ineligible outcome	
Kumar Nathella et al	2017	Influence of diabetes mellitus on immunity to human tuberculosis	Immunology	English	Ineligible outcome	
Lalvani et al	2019	Predicting progression to active tuberculosis: a rate-limiting step on the path to elimination	PLoS Medicine	English	Editorial/commentary with no data	
Lao et al	2019	Active tuberculosis in patients with systemic lupus erythematosus from Southern China: a retrospective study	Clinical Rheumatology	English	Ineligible outcome	
Lee et al	2013	Use of inhaled corticosteroids and the risk of tuberculosis	Thorax	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Leegaard et al	2011	Diabetes, glycemic control, and risk of tuberculosis: a population-based case-control study	Diabetes Care	English	Study in included meta-analysis	Included in Al-Rifai et al meta-analysis.
Lescuyer et al	2019	Tuberculosis and atypical mycobacterial infections in ruxolitinib-treated patients with primary or secondary myelofibrosis or polycythemia vera	International Journal of Infectious Diseases	English	Ineligible outcome	
Li et al	2019	Long-term effect of exposure to ambient air pollution on the risk of active tuberculosis	International Journal of Infectious Diseases	English	Ineligible outcome	The study reports broad cluster, major ecological fallacy potential, not individual patient data, no clear individual patient exposure info.
Lin et al	2007	Tobacco smoke, indoor air pollution and tuberculosis: a systematic review and meta-analysis	PLoS Medicine	English	Ineligible outcome	
Lin et al	2014	Indoor air pollution from solid fuel and tuberculosis: a systematic review and meta-analysis	International Journal of Tuberculosis and Lung Disease	English	Ineligible outcome	The study has high risk of bias and substantial heterogeneity of exposures.
Liu et al	2015	Risk and impact of tuberculosis in patients with chronic myeloid leukemia:	International Journal of Cancer	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
		a nationwide population-based study in Taiwan				
Loddenkemper et al	2016	Tuberculosis and tobacco smoking	Pneumologie	German	Ineligible outcome	
Magee et al	2019	Reduced prevalence of latent tuberculosis infection in diabetes patients using metformin and statins	European Respiratory Journal	English	Latent TB only, no progression	
Majić Milotić et al	2013	The association between tuberculosis and diabetes mellitus - a review	Diabetologia Croatica	English	Ineligible outcome	
Malek et al	2020	Risk of latent tuberculosis reactivation in patients treated with checkpoint inhibitors immunotherapy compared to other anti-cancer therapies including hematopoietic cell transplantation	Open Forum Infectious Diseases	English	Ineligible outcome	
Marks et al	2010	Risk of tuberculosis among people with diabetes: a national cohort study	American Journal of Respiratory and Critical Care Medicine	English	Duplicate	The study is a duplicate of Dobler et al (2012).
Martineau et al	2014	The role of vitamin D in tuberculosis pathogenesis and treatment	International Journal of Infectious Diseases	English	Ineligible outcome	
Martinez et al	2017	Glycemic control and the prevalence of tuberculosis infection: a population-based observational study	Clinical Infectious Diseases	English	Latent TB only, no progression	
McArdle et al	2020	Vitamin D deficiency is associated with tuberculosis disease in British children	International Journal of Tuberculosis and Lung Disease	English	Ineligible outcome	
Megna et al	2022	Lack of reactivation of tuberculosis in patients with psoriasis treated with secukinumab in a real-world setting of latent tuberculosis infection	Journal of Dermatological Treatment	English	Ineligible outcome	
Mendoza-Almanza et al	2018	Diabetes and tuberculosis in Mexico: results from epidemiological studies	International Journal of Diabetes in Developing Countries	English	Ineligible outcome	
Menzies et al	2015	Active TB in cancer patients: A missed screening opportunity?	European Respiratory Journal	English	Ineligible outcome	
Mok et al	2005	Tuberculosis in systemic lupus erythematosus in an endemic area and the role of isoniazid prophylaxis during corticosteroid therapy	The Journal of Rheumatology	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Moran et al	2018	Risk factors associated with the development of active tuberculosis among patients with advanced chronic kidney disease	Journal of Infection	English	Ineligible outcome	
Moreno et al	2017	Latent tuberculosis in newly diagnosed lung cancer patients. a Spanish prospective study	Journal of Thoracic Oncology	English	Latent TB only, no progression	
Munckhof et al	2003	A cluster of tuberculosis associated with use of a marijuana water pipe	The International Journal of Tuberculosis and Lung Disease	English	Ineligible outcome	
Narvaez et al	2010	¿Es necesaria la profilaxis antituberculosa en pacientes con enfermedades reumáticas inflamatorias tratados con glucocorticoides?	Seminarios de la Fundación Española de Reumatología	Spanish	Review, no meta-analysis	
Nash et al	2018	Safety and efficacy of tofacitinib, an oral Janus kinase inhibitor, up to 36 months in patients with active psoriatic arthritis: data from the third interim analysis of OPAL balance, an open-label, long-term extension study	Arthritis and Rheumatology	English	Ineligible outcome	
Ng et al	2020	Tuberculosis in rheumatic patients on biologics: 13 years' experience in a single tertiary centre in Malaysia	International Journal of Rheumatic Diseases	English	Ineligible outcome	
Ngo et al	2021	Diabetes-associated susceptibility to tuberculosis: contribution of hyperglycemia vs. dyslipidemia	Microorganisms	English	Review, no meta-analysis	
Ni et al	2014	Inhaled corticosteroids (ICS) and risk of mycobacterium in patients with chronic respiratory diseases: a meta-analysis	Journal of Thoracic Disease	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Oeltmann et al	2006	Tuberculosis outbreak in marijuana users, Seattle, Washington, 2004	Emerging Infectious Diseases	English	Ineligible outcome	
Oulkadi et al	2021	Prevalence of latent tuberculosis before biotherapy initiation in rheumatoid arthritis and spondyloarthritis: data from the Moroccan biotherapy registry	Rheumatology International	English	Latent TB only, no progression	
Pablos-Mendez et al	1997	The role of diabetes mellitus in the higher prevalence of tuberculosis among Hispanics	American Journal of Public Health	English	Published before 2000	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Pan et al	2016	Assessment of latent tuberculosis infection in psychiatric inpatients: a survey after tuberculosis outbreaks	Journal of Microbiology, Immunology and Infection	English	Latent TB only, no progression	
Park et al	2017	Positive conversion of tuberculosis screening results and incidence of active tuberculosis infection in patients receiving biologic treatment	Annals of the Rheumatic Diseases	English	Already on WHO list	The study reports a majority of cases with anti-TNF treatment.
Pealing et al	2015	Risk of tuberculosis in patients with diabetes: population based cohort study using the UK Clinical Practice Research Datalink	BMC Medicine	English	Study in included meta-analysis	Included in Al-Rifai et al meta-analysis.
Perez et al	2006	Association between tuberculosis and diabetes in the Mexican border and non-border regions of Texas	The American Journal of Tropical Medicine and Hygiene	English	Study in included meta-analysis	Included in Jeon et al meta-analysis.
Ping et al	2021	Prevalence and risk factors of latent tuberculosis infection (LTBI) in patients with type 2 diabetes mellitus (T2DM)	International Journal of Environmental Research and Public Health	English	Latent TB only, no progression	
Rao et al	2014	Tobacco smoking: a major risk factor for pulmonary tuberculosis - evidence from a cross-sectional study in central India	Transactions of the Royal Society of Tropical Medicine and Hygiene	English	Ineligible outcome	
Reitblat et al	2018	The effect of prednisone on tuberculin skin test reaction in patients with rheumatoid arthritis	International Journal of Rheumatology	English	Latent TB only, no progression	
Restrepo et al	2014	Impact of diabetes on the natural history of tuberculosis	Diabetes Research and Clinical Practice	English	Review, no meta-analysis	
Riza et al	2014	Clinical management of concurrent diabetes and tuberculosis and the implications for patient services	Lancet Diabetes and Endocrinology	English	Ineligible outcome	
Sabbatani et al	2006	Reactivation of severe, acute pulmonary tuberculosis during treatment with pegylated interferon-alpha and ribavirin for chronic HCV hepatitis	Infectious Diseases	English	Case report	
Sadovici et al	2013	Do we need to screen for latent TB when initiating a methotrexate treatment?	European Respiratory Journal	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Salindri et al	2021	Latent tuberculosis infection among patients with and without type-2 diabetes mellitus: results from a hospital case-control study in Atlanta	BMC Research Notes	English	Latent TB only, no progression	
Sanchez-Moya et al	2013	Latent tuberculosis infection and active tuberculosis in patients with psoriasis: a study on the incidence of tuberculosis and the prevalence of latent tuberculosis disease in patients with moderate-severe psoriasis in Spain. BIOBADADERM registry	Journal of the European Academy of Dermatology and Venereology	English	Ineligible outcome	
Schatz et al	1976	The prevalence of tuberculosis and positive tuberculin skin tests in a steroid-treated asthmatic population	Annals of Internal Medicine	English	Published before 2000	
Scordo et al	2021	A prospective cross-sectional study of tuberculosis in elderly Hispanics reveals that BCG vaccination at birth is protective whereas diabetes is not a risk factor	PloS One	English	Ineligible outcome	
Seo et al	2016	Cancer-specific incidence rates of tuberculosis: a 5-year nationwide population-based study in a country with an intermediate tuberculosis burden	Medicine (Baltimore)	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.
Shen et al	2022	Global burden of tuberculosis attributable to cancer in 2019: global, regional, and national estimates	Journal of Microbiology, Immunology and Infection	English	Ineligible outcome	
Shobha et al	2019	Biologics and risk of tuberculosis in autoimmune rheumatic diseases: a real-world clinical experience from India	International Journal of Rheumatic Diseases	English	Ineligible outcome	
Suess	2019	No reactivation of tuberculosis in patients with latent tuberculosis infection while on ixekizumab treatment: a report from 11 clinical studies	Experimental Dermatology	English	Ineligible outcome	
Souto et al	2014	Risk of tuberculosis in patients with chronic immune-mediated inflammatory diseases treated with biologics and tofacitinib: A systematic review and	Rheumatology (United Kingdom)	English	Already on WHO list	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
		meta-analysis of randomized controlled trials and long-term extension studies				
Stefan et al	2008	Tuberculosis in oncology patients	Annals of Tropical Paediatrics	English	Study in included meta-analysis	Included in Dobler et al meta-analysis.
Strober et al	2019	Risankizumab treatment is associated with low and consistent infection rates over time in patients with moderate to severe psoriasis: Analysis of pooled clinical trial data	Journal of the American Academy of Dermatology	English	Ineligible outcome	
Suwanpimolkul et al	2014	Association between diabetes mellitus and tuberculosis in United States-born and foreign-born populations in San Francisco	PLoS One	English	Ineligible outcome	
Swarna Nantha et al	2012	Influence of diabetes mellitus and risk factors in activating latent tuberculosis infection: a case for targeted screening in Malaysia	Medical Journal of Malaysia	English	Ineligible outcome	
Tatar et al	2009	Tuberculosis in diabetics: features in an endemic area	Japanese Journal of Infectious Diseases	English	Ineligible outcome	
Tavares et al	2019	Tuberculosis care for migrant patients in Portugal: a mixed methods study with primary healthcare providers	BMC Health Services Research	English	Already on WHO list	
Thu et al	2013	Marijuana 'bong' smoking and tuberculosis	Internal Medicine Journal	English	Case report	
Underner et al	2012	Smoking and tuberculosis. (Special Issue: Addictions.)	Presse Medicale	French	Ineligible outcome	
Uppuluri et al	2016	Activation of tuberculosis in patients of rheumatoid arthritis with or without latent tuberculosis infection regardless of biologic therapy	International Journal of Rheumatic Diseases	English	Ineligible outcome	
Vadillo Font et al	2003	Incidencia y características de la tuberculosis en pacientes con enfermedades reumáticas autoinmunes	Revista Clínica Española	Spanish	Ineligible outcome	
Venkitakrishnan et al	2021	Inhaled corticosteroids and risk of tuberculosis – How bad is the risk?	The Indian Journal of Tuberculosis	English	Review, no meta-analysis	
Vento et al	2011	Tuberculosis and cancer: a complex and dangerous liaison	The Lancet Oncology	English	Ineligible outcome	

Authors	Year	Title	Journal	Language	Reason for exclusion	Notes
Vuorela et al	2019	Tuberculosis in people with rheumatic disease in Finland 1995-2007: a nationwide retrospective register study	Rheumatology Advances in Practice	English	Ineligible outcome	
Wan Musa et al	2014	Tuberculosis and biologics: Data from two rheumatology centres	International Journal of Rheumatic Diseases	English	Already on WHO list	The study reports a majority of cases with anti-TNF treatment.
Webb et al	2009	High prevalence of mycobacterium tuberculosis infection and disease in children and adolescents with type 1 diabetes mellitus	The international Journal of Tuberculosis and Lung Disease	English	Ineligible outcome	
Winthrop et al	2013	Tuberculosis and tofacitinib therapy in patients with rheumatoid arthritis	International Journal of Rheumatic Diseases	English	Ineligible outcome	
Winthrop et al	2016	Tuberculosis and other opportunistic infections in tofacitinib-treated patients with rheumatoid arthritis	Annals of the Rheumatic Diseases	English	Ineligible outcome	
Wu et al	2016	Post-inhaled corticosteroid pulmonary tuberculosis and pneumonia increases lung cancer in patients with COPD	BMC Cancer	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Wu et al	2019	High risk of activation of latent tuberculosis infection in rheumatic disease patients	Infectious Diseases	English	Ineligible outcome	
Xiao et al	2020	Tuberculosis in patients with systemic lupus erythematosus–a 37-year longitudinal survey-based study	Journal of Internal Medicine	English	Ineligible outcome	
Yamada et al	2006	Increased risk of tuberculosis in patients with rheumatoid arthritis in Japan	Annals of the Rheumatic Diseases	English	Ineligible outcome	
Yeh et al	2016	Asthma-chronic obstructive pulmonary diseases overlap syndrome increases the risk of incident tuberculosis: a national cohort study	PLoS One	English	Study in included meta-analysis	Included in Castellana et al meta-analysis.
Yun et al	2002	The incidence and clinical characteristics of Mycobacterium tuberculosis infection among systemic lupus erythematosus and rheumatoid arthritis patients in Korea	Clinical and Experimental Rheumatology	English	Ineligible outcome	

Note: “Already on WHO list” means that the study reported only on one or more of the 11 risk groups (people living with human immunodeficiency virus (HIV), adult and child contacts of pulmonary TB cases, patients initiating anti-tumour necrosis factor (TNF) treatment, patients receiving dialysis, patients preparing for organ or haematological transplantation, patients with silicosis, prisoners, healthcare workers, immigrants from high TB burden countries, homeless persons and illicit drug users) already included in previous WHO guidelines.

Ineligible outcome	n = 87
Study in included meta-analysis	n = 22
Latent TB only, no progression	n = 17
Already on WHO list	n = 11
Published before 2000	n = 9
Review, no meta-analysis	n = 8
Case report	n = 3
Editorial/commentary with no data	n = 3
Duplicate	n = 1
Total	**n = 161**