

List of TLMI-B Research Projects

S/N	Research	Research Objectives	Funder	PI and Co-authors
1.	INDIGO#2 (2022-2024)	<ol style="list-style-type: none"> Contact follow-up to assess the effect of BCG or BCG combined with SDR on leprosy in contacts after 3-6 years: <i>clinical monitoring</i>. Contact follow-up to assess the effect of BCG or BCG combined with SDR on <i>M. leprae</i> infection rate using a newly developed, field-friendly lateral flow assay (UCP-LFA): <i>immunomonitoring</i>. Determine the effect of SDR on <i>M. leprae</i> infection rate using UCP-LFA before and after prophylaxis: <i>immunomonitoring</i>. Training of local health care staff in UCP-LFA in view of implementation in leprosy healthcare: <i>capacity building</i>. 	LRI & TLMEW	<p>Md. Khorshed Alam TLMB</p> <p>Dr. Abu Sufian Chowdhury TLMB</p> <p>Prof. Jan Hendrik Richardus</p> <p>Prof. A. Geluk. Netherlands</p>
2.	PEP++ (2022-2024)	Stop the transmission of Leprosy –The Post-Exposure Prophylaxis plus plus (PEP++) Project	TLMI	<p>Dr. Abu Sufian Chowdhury, TLMB</p> <p>Dr. Wim H Van Brakel, NLR</p>

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3.	Extra-Clofa in ENL (2022-2025)	DOES ADDITIONAL CLOFAZIMINE FOR SMEAR-POSITIVE MULTI-BACILLARY (Borderline Leprosy and Lepromatous Leprosy) CASES AT HIGH RISK OF ERYTHEMA NODOSUM LEPROSUM (ENL) REACTIONS IMPROVE THEIR PROGNOSIS/OUTCOMES OVER 2 YEARS?	LRI	John Samaddar, TLMB Dr C Ruth Butlin, TLMB Dr Vivek V Pai, BLP
4.	ENLIST Study (2014) (2015-2016) (2019-2022)	1. Quality of life study in ENL Patients. 2. Clinical severity scale use in RR/ENL Reaction Patients. 3. Methotrexate and Prednisolone studies in Erythema Nodosum Leprosum	LRI	Dr. Shamsun Naher, TLMB Dr. Stephen L. Walker, LSHTM
5.	INDIGO (2015-2018) (2019-2022)	To evaluate and expand newly developed tools for the early detection of M. Leprae infection. To evaluate the effect of chemo – and immunoprophylactic intervention on biomarkers of infection and clinical disease. To ensure reproducibility and traceability of data throughout the study.	Leiden University & Erasmus-MC. Netherlands	Md. Khorshed Alam TLMB Dr. Jan Hendrik Richardus Dr. A. Geluk. Netherlands

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6.	R2STOP (2017-2019)	Research to Stop Neglected Tropical Diseases transmission.	effect:hope Canada LUMC, Netherlands	Md. Khorshed Alam TLMB Prof. Jan Hendrik Richardus Prof. A. Geluk. Netherlands
7.	MALTALEP (2010-2019)	The combined effect of chemoprophylaxis with rifampicin and immunoprophylaxis with BCG, in the prevention of leprosy in contacts.	Erasmus-MC	Dr. David Khan TLMB Dr. Jan Hendrik Richardus, Netherlands
8.	Initiative for Diagnostic & Epidemiological Assays for Leprosy (IDEAL) (2012-2019)	To identify biomarkers that distinguishes individuals controlling bacterial replication from those developing disease.	Leiden University & Erasmus-MC. Netherlands	Md. Khorshed Alam TLMB Dr. Jan Hendrik Richardus Dr. A. Geluk. Netherlands
9.	Contact Cohorts Analysis (2015-2016)	To establish an evidence base for contact examination policies by determining the rate and type of new case finding amongst cohorts of house hold contact examined at different time points after index case was diagnosed.	LRI, Netherlands	Dr David Khan TLMB Khorshed Alam TLMB Dr. Ruth Butlin. UK
10.	6 months MB MDT (2004-2016)	The main goal of the trial is to ensure knowledge available to allow patients to get best available treatment –by comparing the	TLMI TLMEW	Dr. David Pahan TLMB Dr. Ruth Butlin, UK

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		long-term efficacy of a six-month MDT regimen given to MB leprosy patients with that of the routine twelve-month regimen.		
11.	Footwear study (2015-2016)	Compare effectiveness of selected market footwear with custom made footwear using MCR	LRI	Surendra Singh TLMB Delu Hossain TLMB Bob Bowers USA
12.	Treatment of Early Neuropathy in Leprosy (2010-2015)	TENLEP-1: To determine whether steroid treatment of early sub-clinical NFI detected with sensory or motor NC (nerve conduction) and WTD (worm threshold detection) would benefit patients in terms of the prevention of clinical sensory or motor function loss. TENLEP-2: Steroid treatment of 32 weeks duration is more effective than treatment of 20 weeks duration in restoring nerve function in patients with clinical sensory and/or motor NFI (nerve function impairment) of recent onset (<6 months).	Royal Tropical Institute Netherlands via TLMI	Dr. David Pahan TLMB Erick Post & Wim Brandsma
13.	Impact of CBR (2012-2015)	Assess impact of CBR		Bob Bowers (PhD study)

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14.	Diabetes survey (2015)	To establish prevalence of diabetes amongst leprosy-disabled people in CP region	TLMEW	Delu Hossain TLMB Suren Singh TLMB Ruth Butlin UK
15.	COLEP (2002-2009)	To determine the effectiveness of chemoprophylaxis using a single dose rifampicin to prevent leprosy in close contact.	Erasmus MC	Dr. David Pahan TLMB Dr. Jan Hendrik Richardus, Netherlands
16.	Socio-economic circumstances and social control. (2009)	A Qualitative Exploration of Social Contact Patterns Relevant to Airborne Infectious Diseases in Northwest Bangladesh	Erasmus MC Netherlands	Dr J.H. Richardus & Dr. Sabina, Netherlands
17.	Genetic Susceptibility (2007-2008)	Documenting multi case families with view to later collecting samples for genetic test in collaboration with Dr. Marie Anne Shaw Leeds university UK.	TLM-International, UK	Dr. David Pahan TLMB Dr. Ruth Butlin, UK
18.	PASQOL (Post-Anesthesia Short-term Quality of Life tool) Study (2006-2007)	To establish whether having reconstructive surgery for leprosy disability improve the patient's quality of life.	Unknown	Dr. David Pahan TLMB Natascha Van Veen, Netherlands. & Dr. Negrini

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19.	COLEP Side Study (2006)	GPS data on leprosy cases	Erasmus-MC	Dr. J.H.Richardus & Egil Fischer, Netherland
20.	COLEP Side Study (2005)	Exploring risk factor for different household contact.	Erasmus-MC	Dr J.H.Richardus & Mr. Ron Schuring, Netherland
21.	Bangladesh Acute Nerve Damage Study (BANDS) (1995-2001)	To identify the primary risk factor for the onset of new or additional nerve function impairment (NFI) among people newly diagnosed with leprosy.	DSM/DANIDA	Dr. David Pahan TLMB Dr. Richard Paul Croft. UK
22.	Tripod Trial (1997)	To determine whether addition of low dose prednisolone to multi drug treatment can prevent reaction and nerve function impairment in leprosy.	DSM/DANIDA	Dr. David Pahan TLMB Dr. Steve G. Withington