



Sikkim Manipal Institute of Medical Sciences
Sikkim Manipal University

Department of Microbiology
Publication List: Year's 2009-2020
(Permanent faculties)

Professor (Dr) T Shantikumar Singh, HOD (Retired on 2018 end)

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=57213323266>

Publication with highest impact factor

- Detection and genetic characterization of Giardia intestinalis in children with gastrointestinal symptoms by PCR RFLP in Sikkim, India
Chanu, N., Singh, T., Dutta, S.
Journal of Natural Science, Biology and Medicine, 2018, 9(2), pp. 193–196
- Comparative evaluation of harada-Mori and agar plate culture for the identification of hookworm species under limited resources
Singh, T., Chanu, N., Dutta, S.
Journal of Natural Science, Biology and Medicine, 2018, 9(2), pp. 127–131
- Molecular characterization of community- & hospital-acquired methicillin-resistant & methicillin-sensitive Staphylococcus aureus isolates in Sikkim
Bhutia, K.O., Singh, T.S.K., Adhikari, L., Biswas, S.
Indian Journal of Medical Research, 2015, 142(September), pp. 330–335
- Direct and early detection of Mycobacterium tuberculosis complex and rifampicin resistance from sputum smears
Bhutia, R., Narain, K., Devi, K.R., Singh, T.S.K., Mahanta, J.
International Journal of Tuberculosis and Lung Disease, 2013, 17(2)
- Occurrence and antimicrobial susceptibility pattern of community and hospital associated methicillin resistant staphylococcus aureus strains in Sikkim
Kunsang Bhutia, O., Singh, T.S.K.
Journal International Medical Sciences Academy, 2012, 25(4), pp. 235–237
- The prevalence and the risk factors which are associated with Staphylococcus aureus and methicillin-resistant S. aureus which harboured the Pantone-Valentine- Leukocidin gene
Bhutia, K.O., Singh, T.S.
Journal of Clinical and Diagnostic Research, 2012, 6(3), pp. 393–399
- Clinico-etiological correlates of onychomycosis in Sikkim
Adhikari, L., Gupta, A.D., Pal, R., Singh, T.S.K.
Indian Journal of Pathology and Microbiology, 2009, 52(2), pp. 194–197

Professor Dr Luna Adhikari, Current HOD

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=40260979300>

Link for Google Scholar indexed publications: <https://scholar.google.co.in/citations?user=HZoRugUAAAAJ&hl=en>

Publication with highest impact factor

- Recurrent dermatophytosis: A rising problem in Sikkim, a Himalayan state of India
Sharma, R., Adhikari, L., Sharma, R.L.
Indian Journal of Pathology and Microbiology, 2017, 60(4), pp. 541–545
- Detection of vancomycin resistance in enterococcus species isolated from clinical samples and feces of colonized patients by phenotypic and genotypic methods
Biswas, P.P., Dey, S., Adhikari, L., Sen, A.
Indian Journal of Pathology and Microbiology, 2016, 59(2), pp. 188–193
- Molecular characterization of virulence genes in vancomycin-resistant and vancomycin-sensitive enterococci
Biswas, P.P., Dey, S., Sen, A., Adhikari, L.
Journal of Global Infectious Diseases, 2016, 8(1), pp. 16–24
- Molecular characterization of community- & hospital-acquired methicillin-resistant & methicillin-sensitive *Staphylococcus aureus* isolates in Sikkim
Bhutia, K.O., Singh, T.S.K., Adhikari, L., Biswas, S.
Indian Journal of Medical Research, 2015, 142(September), pp. 330–335
- Virulence markers of vancomycin resistant enterococci isolated from infected and colonized patients
Biswas, P.P., Dey, S., Adhikari, L., Sen, A.
Journal of Global Infectious Diseases, 2014, 6(4), pp. 157–163
- Determinants for the retreatment groups of pulmonary tuberculosis patients treated in a DOTS programme in Sikkim, India
Dolma, K.G., Adhikari, L., Mohapatra, P.K., Mahanta, J.
Indian Journal of Tuberculosis, 2011, 58(4), pp. 178–188
- Infectious disease markers in blood donors at central referral hospital, Gangtok, Sikkim
Adhikari, L., Bhatta, D., Tsering, D.C., ...Pal, R., Gupta, A.
Asian Journal of Transfusion Science, 2010, 4(1), pp. 41–42
- Clinico-etiological correlates of onychomycosis in Sikkim
Adhikari, L., Gupta, A.D., Pal, R., Singh, T.S.K.
Indian Journal of Pathology and Microbiology, 2009, 52(2), pp. 194–197
- Susceptibility rates of *Pseudomonas aeruginosa* strains to quinolones
L Adhikari, K Roy, D Tsering, R Pal, S Kar
Journal of laboratory physicians 2010, (2), 121

Professor Dr Dechen Chomu Tsering

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=57195427301>

Link for Google Scholar indexed publications: <https://scholar.google.com/citations?user=vDNfBksAAAAJ&hl=en>

Publication with highest impact factor

- Evaluation of paragonimus metacercariae isolated from *Maydellia thelphusa lugubris* and morphological characterization of *Paragonimus westermani* recovered from an experimental model
Tongbram, B.D., Singh, T.S., Tsering, D.C.
Journal of Natural Science, Biology and Medicine, 2020, 11(2), pp. 176–178

- Phenotyping of Salmonella serotypes isolated from natural sources of water in rural areas of East Sikkim
Poonia, S., Singh, T.S., Tsering, D.C.
Indian Journal of Medical Microbiology, 2015, 33(1), pp. 136–138
- Antibiotic susceptibility profile of bacteria isolated from natural sources of water from rural areas of East Sikkim
Poonia, S., Singh, T.S., Tsering, D.C.
Indian Journal of Community Medicine, 2014, 39(3), pp. 156–160
- Methicillin-resistant Staphylococcus Aureus: Prevalence and current susceptibility pattern in Sikkim Tsering, D.C.,
Pal, R., Kar, S.
Journal of Global Infectious Diseases, 2011, 3(1), pp. 9–13
- Bacteriological profile of septicemia and the risk factors in neonates and infants in Sikkim Tsering, D.C.,
Chanchal, L., Pal, R., Kar, S.
Journal of Global Infectious Diseases, 2011, 3(1), pp. 42–45
- Infectious disease markers in blood donors at central referral hospital, Gangtok, Sikkim
Adhikari, L., Bhatta, D., Tsering, D.C., ...Pal, R., Gupta, A.
Asian Journal of Transfusion Science, 2010, 4(1), pp. 41–42

Professor (Dr) Dr Jyotsna Kapil

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=57204602834>

Publication with highest impact factor

- High prevalence of carbapenemase, AmpC β -lactamase and aminoglycoside resistance genes in extended-spectrum β -lactamase-positive uropathogens from Northern India Gajamer, V.R., Bhattacharjee, A., Paul, D., ...Pradhan, N., Tiwari, H.K.
Journal of Global Antimicrobial Resistance, 2020, 20, pp. 197–203
- The first report of phenotypic and molecular characterization of extended-spectrum beta-lactamase-producing uropathogens in Sikkim and Darjeeling Hills of India Gajamer, V.R., Bhattacharjee, A., Paul, D., ...Pradhan, N., Tiwari, H.K.
Microbial Drug Resistance, 2018, 24(9), pp. 1284–1288

Dr Karma Gyurmey Dolma, Associate Professor

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=55214380100>

Link for Google Scholar indexed publications: <https://scholar.google.com/citations?user=x3GSmN8AAAAJ&hl=en>

Publication with highest impact factor

- Tetracycline resistance mediated by tet efflux pumps in clinical isolates of Acinetobacter baumannii Beheshti, M., Ardebili, A., Beheshti, F., ...Dolma, K.G., Nissapatorn, V.
Revista do Instituto de Medicina Tropical de Sao Paulo, 2020, 62, pp. e88
- Determinants for the retreatment groups of pulmonary tuberculosis patients treated in a DOTS programme in Sikkim, India
Dolma, K.G., Adhikari, L., Mohapatra, P.K., Mahanta, J.
Indian Journal of Tuberculosis, 2011, 58(4), pp. 178–188

Dr Tsering Yangzom, Assistant Professor

Link for Scopus indexed publications: <https://pubmed.ncbi.nlm.nih.gov/31579233/>

- Study of vancomycin and high-level aminoglycoside-resistant Enterococcus species and evaluation of a rapid spot test for Sikkim
Tsering Yanzom, T Shantikumar Singh
Journal of Laboratory Physicians, 2019; 11(03): 192-199

Dr. Rekha Sharma, Tutor

Link for Google Scholar indexed publications:

http://scholar.google.co.in/citations?user=https://scholar.google.com/citations?view_op=list_works&hl=en&user=byFww-cAAAAJ

- Recurrent dermatophytosis: a rising problem in Sikkim, a Himalayan state of India
R Sharma, L Adhikari, RL Sharma
Indian Journal of Pathology and Microbiology, 2017; 60; 4
- Clinical study of herpes zoster in 109 patients in central referral hospital, Gangtok
R Sharma, R Sharma
International J Res Dermatology, 2019, 5, 849-52
- Analysis of cases of dermatological referrals and their systemic correlation in a tertiary care hospital in Gangtok: a prospective study
RL Sharma, R Sharma, FA Zaman
International Journal of Research in Dermatology, 2018, 4 (4), 570
- Increased resistance to antifungal agents by dermatophytes isolated for Sikkim, a Himalayan state of India
RL Sharma, Rekha Sharma, Luna Adhikari.
International Journal of Scientific Research, 2018; 7, 419-422
- Hailey–Hailey Disease: Case Report of a rare disease
RL Sharma, R Sharma
International Archives of Integrated Medicine, 2018; 5, 7 (online)

Publication in other indexed databases excluding Scopus or PubMed:

- A study on the assessment of retreatment tuberculosis patients attending the DOTS centre in Sikkim, India from 2002-2011
KG Dolma, L Adhikari, P Dadul, T Laden, L Singhi, J Mahanta
Research Journal of Infectious Diseases, 2013, 1 (3)
- A comparative study on the efficacy of first vs. second blood culture set in the diagnosis of bacteremia in Central Referral Hospital, Gangtok
K Dolma, D Gautam, K Devi, T Singh
International Journal of Medical Research and Review, 2016 4 (7), 1243-1249
- Heavy metal and Bacteriological analysis in spring water of North Sikkim with reference to seasonal variation
A Subba, M Pandey, S Jha, KG Dolma
International Journal of emerging multidisciplinary research, 2018, 2 (3), 1-6

