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Research Experience
August 2010 - present
Jawaharlal Nehru University
Special Centre for Molecular Medicine, India
Position JNU
August 2010 - present
Institute of Liver and Biliary Sciences, India
Position August 2009 - present
Central Council for Research in Ayurvedic Sciences, India
Position CCRAS
January 2007 - August 2009
Govind Ballabh Pant Hospital, India
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PUBLICATIONS

Plasma chemokines are baseline predictors of unfavorable treatment outcomes in pulmonary tuberculosis NP Kumar, K Moideen, A Nancy, V Viswanathan, K Thiruvengadam, Clinical Infectious Diseases	2020
Drug resistant TB spine in a two year old child: a case report P Giridharan, E Selladurai, S Balaji, SK Pramila, V Arunagirinathan, Indian Journal of Tuberculosis 67 (3), 374-377	2020
Systemic RAGE ligands are upregulated in tuberculosis individuals with diabetes co-morbidity and modulated by anti- tuberculosis treatment and metformin therapy NP Kumar, K Moideen, A Nancy, V Viswanathan, BS Shruthi, S Sivakumar, BMC infectious diseases 19 (1), 1039	2019
Burden of pulmonary tuberculosis in modern prison: a cross sectional prevalence survey from south India CK Dolla, B Dhanraj, M Malaisamy, CP Priyadarshini, SS Hissar, Indian Journal of Tuberculosis 66 (1), 189-192	2019
Plasma Eicosanoid Levels in Tuberculosis and Tuberculosis-Diabetes Co-morbidity Are Associated With Lung Pathology and Bacterial Burden NP Kumar, AN Kadar Moideen, V Viswanathan, BS Shruthi, Frontiers in Cellular and Infection Microbiology 9	2019
Shorter treatment for minimal tuberculosis (TB) in children (SHINE): a study protocol for a randomised controlled	2018

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C Chabala, A Turkova, MJ Thomason, E Wobudeya, S Hissar, V Mave, ... Trials 19 (1), 1-12

Diminished circulating plasma and elevated lymph node culture supernatant levels of IL-10 family cytokines in tuberculous lymphadenitis GR Kathamuthu, NP Kumar, K Moideen, D Baskaran, S Hissar, Cytokine 111, 511-517	2018
Catalysing progressive uptake of newer diagnostics by health care providers through outreach and education in four major cities of India N Raizada, SD Khaparde, S Swaminathan, S Sarin, VS Salhotra, A Kalra, PloS one 13 (3), e0193341	2018
Immune balance in hepatitis B infection: present and future therapies AK Vyas, A Jindal, S Hissar, G Ramakrishna, N Trehanpati Scandinavian Journal of Immunology 86 (1), 4-14	2017
Functionally aberrant dendritic cell subsets and expression of DC-SIGN differentiate acute from chronic HBV infection S Sukriti, N Trehanpati, M Kumar, C Pande, SS Hissar, SK Sarin Hepatology international 10 (6), 916-923	2016
Impaired monocyte-macrophage functions and defective toll-like receptor signaling in hepatitis E virus-infected pregnant women with acute liver failure R Sehgal, S Patra, P David, A Vyas, A Khanam, S Hissar, E Gupta, Hepatology 62 (6), 1683-1696	2015
P0500: HIV and hepatitis delta-the last challenge in the viral hepatitides? K Childs, I Carey, J Clough, S Hughes, M Bruce, A Suddle, M Nelson, Journal of Hepatology 62, S502	2015
P0503: Dendritic cell subsets and expression of DC-sign in progression of hepatitis B infection from acute to chronic infection: A novel insight through TLRs and related S Sukriti, N Trehanpati, M Kumar, S Hissar, SK Sarin Journal of Hepatology 62, S503	2015
Comparative effectiveness of a complex Ayurvedic treatment and conventional standard care in osteoarthritis of the knee–study protocol for a randomized controlled trial. Trials CM Witt, A Michalsen, S Roll, A Morandi, S Gupta, M Rosenberg, Forsch Komplementmed 22, 251-258	2015
Impaired monocyte and macrophage function in Hepatitis E Virus (HEV) infected pregnant women with Acute Liver Failure: 737 R Sehgal, P David, A Vyas, A Khanam, A Bhardwaj, P Rawal, S Hissar, Hepatology 60	2014
Treatment of chronic hepatitis C with pegylated interferon plus ribavirin in treatment-naïve 'real-life'patients in India A Sood, V Midha, O Goyal, S Hissar, SK Sharma, P Khanna Indian Journal of Gastroenterology 33 (4), 343-349	2014

Relevance of hepatitis B surface antigen levels in patients with chronic hepatitis B during 5 year of tenofovir treatment AK Singh, MK Sharma, SS Hissar, E Gupta, SK Sarin Journal of viral hepatitis 21 (6), 439-446	2014
Interleukin-28b CC genotype predicts early treatment response and CT/TT genotypes predicts non-response in patients infected with HCV genotype 3 AC Gupta, N Trehanpati, S Sukriti, S Hissar, V Midha, A Sood, SK Sarin Journal of medical virology 86 (4), 707-712	2014
Efficacy of Pegylated Interferon Plus Ribavirin in Treatment of Chronic Hepatitis C Patients in India in 'Real-Life'Setting O Goyal, A Sood, V Midha, S Hissar Journal of Clinical and Experimental Hepatology 4, S93	2014
Sequential Therapy with Tenofovir Plus Peg Interferon Enhances Innate and Adaptive Immunity Compared to Tenofovir Monotherapy in Chronic Hepatitis B Patients N Trehanpati, A Khanam, S Hissar, R Sehgal, R Khosla J Clin Cell Immunol 5 (272), 2	2014
Comparative effectiveness of a complex Ayurvedic treatment and conventional standard care in osteoarthritis of the knee-study protocol for a randomized controlled trial CM Witt, A Michalsen, S Roll, A Morandi, S Gupta, M Rosenberg, Trials 14 (1), 149	<u>53</u> 2013
Immunological mechanisms of hepatitis B virus persistence in newborns N Trehanpati, S Hissar, S Shrivastav, SK Sarin The Indian journal of medical research 138 (5), 700	<u>35</u> 2013
miR-155 regulates dendritic cell activation in chronic hepatitis B virus (CHBV) infected patients on Tenofovir plus Peg Interferon Therapy: 440 N Trehanpati, R Khosla, P David, R Sehgal, A Vyas, A Khanam, A Prashar, Hepatology 58	2013
P44: Reduction in CD4+ T cells and altered monocytes/macrophages is associated with fatal acute liver failure hepatitis E virus infected pregnant patients R Sehgal, P David, A Vyas, P Rawal, S Hissar, G Samudrala, S Patra, Journal of Viral Hepatitis 20, 39-40	<u>1</u> 2013
897 INTERLEUKIN-28b CC GENOTYPE PREDICTS TREATMENT EARLY RESPONSE AND CT/TT GENOTYPES PREDICT NON RESPONSE IN HCV GENOTYPE 3 INDIAN PATIENTS A Gupta, S Sukriti, P Gautam, N TrehanPati, S Sharma, S Hissar, V Midha, Journal of Hepatology 58, S369	2013
Interleukin-28 b TT genotype predicts poor response to PEG-INF and ribavirin therapy in HCV genotype 3: P11–219 A Gupta, T Singh, P Gautam, M Sharma, A Sood, V Midha, S Hissar, Journal of Gastroenterology and Hepatology 27	2012
Decreased Expression of CXCR5 on CD4 T Cells is Associated with Fatal Acute Liver Failure (ALF) in HEV Infected Pregnant Patients: 1974 N Trehanpati, P David, R Sehgal, S Patra, S Trivedi, E Gupta, S Hissar, Hepatology 56	2012

A Singh, M Kumar, S Hissar, E Gupta, S Sarin Hepatology 56	
Sequential Therapy with Tenofovir plus Peg Interferon Improves Dendritic Cell and CD8 T cell Functions by Significant Reduction in PD-1 Compared with Tenofovir Montherapy in N Trehanpati, A Khanam, T Singh, A Bhardwaj, A Jindal, S Hissar, S Sarin	
Hepatology 56	
Prevalence of hepatitis C virus in a selected geographical area of northern India: a population based survey A Sood, SK Sarin, V Midha, S Hissar, N Sood, P Bansal, M Bansal Indian Journal of Gastroenterology 31 (5), 232-236	4 =
Mo1841 Interleukin-28b TT Genotype Predicts Treatment Non-Responsiveness in Genotype 3 Indian HCV Patie A Gupta, S Sukriti, P Gautam, N Trehanpati, S Hissar, T Singh, SK Sarin Gastroenterology 142 (5), S-697	ents_
745 ROLE OF CYCLO-OXYGENASE-2 (COX-2) IN CARCINOGENESIS AND TUMOR PROGRESSION IN HEPATOCELLULAR CARCINOMA P Sakhuja, SB Rooge, SS Hissar, A Singh, R Gondal, SK Sarin Journal of Hepatology 56, S293	<u>N</u>
KINETICS OF HEPATITIS B SURFACE ANTIGEN DURING 2 YEARS OF TENEFOVIR THERAPY IN CHRONIC HEPATITIS B PATIENTS: 1447 A Singh, S Hissar, A Singh, M Kumar, E Gupta, S Yadav, P Sakhuja, Hepatology 54 (4)	
EARLY INNATE IMMUNE RESPONSES FOLLOWING HBV VACCINATION: A NOVEL INSIGHT THROUGHTERN RECOGNITION RECEPTOR: 1554 S Sukriti, N Trehanpati, C Pande, S Hissar, S Sarin Hepatology 54 (4)	<u>DUGH</u>
Liver histology as predictor of outcome in patients with acute-on-chronic liver failure (ACLF) A Rastogi, A Kumar, P Sakhuja, C Bihari, R Gondal, S Hissar, H Garg, Virchows Archiv 459 (2), 121	3
Steatosis in chronic hepatitis B: prevalence and correlation with biochemical, histologic, viral, and metabolic parameters A Rastogi, P Sakhuja, A Kumar, S Hissar, A Jain, R Gondal, SK Sarin Indian Journal of Pathology and Microbiology 54 (3), 454	2
Gene expression profiles of T cells from hepatitis E virus infected patients in acute and resolving phase N TrehanPati, S Sukriti, R Geffers, S Hissar, P Riese, T Toepfer, Journal of clinical immunology 31 (3), 498-508	
Circulating Tregs correlate with viral load reduction in chronic HBV-treated patients with tenofovir disoproxil fumarate N TrehanPati, S Kotillil, SS Hissar, S Shrivastava, A Khanam, S Sukriti,	3

Altered Serum Adipocytokines Levels Do Affect Hepatic Steatosis and Fibrosis in Chronic Hepatitis B and Chronic Hepatitis C Indian Patients GT Kumar, SB Rooge, SS Hissar, A Rastogi, A Kumar, AS Puri, R Gondal, Journal of Clinical and Experimental Hepatology 1 (1), 30	2011
Serum-and glucorticoid-induced kinase 1 (SGK1) plays a key role in the glucocorticoid dependent trans-differentiation of a pancreatic progenitor cell to hepatocytes K Wallace, Q Long, E Fairhall, K Charlton, MC Wright Journal of Hepatology: 46th Annual Meeting of the European Association for	2011
1120 ALTERED SERUM ADIPOCYTOKINES LEVELS DO AFFECT HEPATIC STEATOSIS AND FIBROSIS IN CHRONIC HEPATITIS B AND CHRONIC HEPATITIS C INDIAN PATIENTS SB Rooge, GT Kumar, SS Hissar, A Rastogi, A Kumar, R Gondal, Journal of Hepatology, S443	2011
DECREASED FREQUENCY OF EFFECTOR MEMORY T CELLS AND CONCOMITANT INCREASE IN CD4+ AND CD8+ T CELL EXHAUSTION ENHANCES THE IMMUNE DYSFUNCTION DURING HCV-HIV CO- INFECTION: 740 B Saha, M Choudhary, N Trehanpati, S Hissar, R Schmidt, S Sarin Hepatology 52	2010
Hepatitis B viral kinetics analysis: Correlation of early viral kinetics and treatment response during tenofovir treatment in chronic hepatitis B patients: 50 S Mishra, E Herrmann, S Hissar, M Kumar, S Dar, S Sarin Hepatology Research 40 (7)	2010
Impaired antigen processing and presentation machinery is associated with immunotolerant state in chronic hepatitis B virus infection S Sukriti, NT Pati, S Bose, SS Hissar, SK Sarin Journal of clinical immunology 30 (3), 419-425	<u>26</u> 2010

S Hissar, SK Sarin, M Kumar, SN Kazim, KG Tarun, C Pande, SB Dar, ...

Gastroenterology 140 (5), S-723