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Editorial Board

Kishore K Srivastava

Principal Scientist

Department of Microbiology

Central Drug Research

Institute

Lucknow

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Biography

- Dr Kishore K Srivastava, is presently the Principal Scientist, at the Department of Microbiology, CSIR-Central Drug Research Institute, Lucknow, India. Currently, Dr Srivastava is heading the department and is the Coordinator of Microbial Infections. Dr. Srivastava entered in tuberculosis research to understand the mechanism of pathogenesis, and was fascinated when he and his group could virtually see the differential regulation of tubercular and non-tubercular mycobacteria in macrophages. The recombinant mycobacteria (lux, gfp, β gal) were then brought to the study to expedite interaction studies and for HTS.

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- During the extensive studies it has been observed that most of the proteins in mycobacteria are regulated by posttranslational modifications. The one of such modification cascades is a group of transmembrane and cytosolic serine threonine kinases. Since, most of these kinases are not conserved between pathogenic and nonpathogenic forms; it has been proposed that these proteins may potentially be involved in slow growth and virulence of mycobacteria.

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- Low sequence identities (around 30%) between human and mycobacterial kinases make them the important candidate to look for the inhibitors against them, knowing that design of specific molecules for eukaryotic STPKs, is currently one of the most active therapeutic areas. Dr Srivastava has also been involved in immunoprophylaxis of mycobacteria. He has published several manuscripts in high impact journals and held the several scientific positions in India and at abroad.

Kishore K Srivastav research interest include Microbiology, Immunology, Cell Biology, Molecular Biology, Post translational Modifications, Immunoprophylaxis and pathogenesis.

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Publications

Murine infection model for Mycobacterium fortuitum
Rajinder P.S. Partia, Sudhir Srivastavab, Ratan Gachhuic, Kishore K. Srivastavaa, Ranjana Srivastavaa.

Studies on substituted benzo[h]quinazolines, benzo[g]indazoles, pyrazoles, 2,6-diarylpyridines as anti-tubercular agents
Hardesh K. Mauryaa, Ruby Vermaa, Saba Alama, Shweta Pandeya, Vinay Pathaka, Sandeep Sharmab, Kishore K. Srivastavab, Arvind S. Negia, Atul Guptaa.

Protective and survival efficacies of Rv0160c protein in murine model of Mycobacterium tuberculosis

Susmita K. Singh, Dinesh K. Tripathi, Pramod K. Singh, Sharad Sharma, Kishore K. Srivastava

Synthesis and biological evaluation of substituted 4,6-diarylpyrimidines and 3,5-diphenyl-4,5-dihydro-1H-pyrazoles as anti-tubercular agents

Vinay Pathaka, Hardesh K. Mauryaa, Sandeep Sharmab, Kishore K. Srivastavab, Atul Guptaa.

Functional characterization delineates that a Mycobacterium tuberculosis specific protein kinase (Rv3080c) is responsible for the growth, phagocytosis and intracellular survival of avirulent mycobacteria
Ruma Kumari, Susmita K. Singh, Diwakar K. Singh, Pramod K. Singh, Shivendra K. Chaurasiya, Kishore K. Srivastava

Molecular Profiling of Drug Resistant Isolates of Mycobacterium tuberculosis in North India
Dinesh K. Tripathi1, Kanchan Srivastava, Surya Kant, Kishore K. Srivastava1.

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Rv3080c regulates the rate of inhibition of mycobacteria by isoniazid through FabD

Ruma Kumari, Richa Saxena, Sameer Tiwari, Dinesh K. Tripathi, Kishore K. Srivastava

Syntheses of 2-methoxyestradiol and eugenol template based diarylpropenes as non-steroidal anticancer agents

Vinay Pathak, Imran Ahmad, Amandeep Kaur Kahlon, Mohammad Hasanain, Sandeep Sharma, Kishore K. Srivastava, Jayanta Sarkar, Karuna Shankar, Ashok Sharmab and Atul Gupta.

Journal of Air & Water Borne Diseases Related Journals

- Journal of Bacteriology & Parasitology
- Journal of Medical Microbiology & Diagnosis
- Journal of Microbial & Biochemical Technology
- Journal of Plant Pathology & Microbiology
- Journal of Vaccines & Vaccination

Journal of Air & Water Borne Diseases Related Conferences

- Allergy Conference
- 4th Bacteriology and Infectious Diseases Conference
- 2nd Infectious Diseases Congress

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