Name	:	Kailash Chand Pandey
Designation	:	Scientist E
Date of joining in ICMR	:	6 Oct.2015
Educational Qualification	:	Ph.D in Biotechnology M.Sc. in Biochemistry Diploma in Chemical Processing Instrumentation & Control P.G Diploma in Bio-chemical technology B.Sc. (Hons) in Biochemistry
Award/ Fellowship/ Membership	:	• Prof. Ramalingaswami Fellowship by Department of Biotechnology, Govt. of India, 2010-2016. • National Eligibility Fellowship for Lectureship/Assistant Professorship in Biochemistry by Agriculture Scientist Recruitment Board, Govt. of India, 1998. • Traveling grant by International Society of Protistologists for a joint meeting of the international society of Protistologists, University of KENT, Canterbury, 18-23 July, 2010, UK. • Outstanding scientist in the field of Biochemistry by Venus International Foundation, 2015. • Bharat Excellence Award in the field of Protein Chemistry by Friendship Forum of India, 2015. • Traveling grant by Indian Council of Medical Research for 14th International Congress of Parasitology (ICOPA-2018). • Traveling grant by Council of Scientific and Industrial Research for 14th International Congress of Parasitology (2018). • Nominated member of American Chemical Society, 1155 Sixteenth Street, N.W, Washington, DC, 20036, 2016-2018. • Member of the Malaria Journal Club organized by University of California San Francisco, and University of California Berkeley, 2005-2008, USA. • Member of Bay Area Malaria Meeting organized by University of California San Francisco, University of California Berkeley and Stanford University, 2005-2008, USA.
Foreign Visits	:	• Session chair & Keynote speaker at 14th International Congress of Parasitology (ICOPA-2018), August 19th-24th, Daegu, South Korea. • Invited talk at Molecular Parasitology meeting XIII, Marine Biological Laboratory, Woods Hole, MA, USA, Boston, Sept. 2017.
Specialization /Thrust Area	:	• Proteases as drug targets for malaria, proteins functions, Diagnosis tools for infectious diseases

Publications	:	• Rahul Pasupureddy†, Atul†, Sriram Seshadri, Veena Pande, Rajnikant Dixit, **Kailash C Pandey*** (2018), Current Scenario and Future Strategies to Fight Artemisinin Resistance. **Parasitology Research** (Press). • Vandana, Agam Prasad Singh, Jitendra Singh, Ruby Sharma, Mymoona Akhter, Ajay Saxena, Brijesh Rathi, Anju Katyal5, Rajnikant Dixit, **Kailash C Pandey*** (2018). Metacaspase-2 (MCA-2): Functional characterization of Unusual protease of *P. falciparum*, **Mol. Biochem. Parasitol**, 220, 28-41. • **Kailash C Pandey*,** Sajal de, Praduyum K Mishra (2017) Role of proteases in chronic obstructive pulmonary disease; **Front. Pharmacol**. 8;1-9. • Pant A, Pasupureddy R, Pande V, Seshadri S, Dixit R, **Pandey KC *** (2017) Proteases in Mosquito Borne Diseases: New Avenues in Drug Development. **Curr Top Med Chem**. 17(19):2221-2232. • Verma S, Dixit R, **Pandey KC*** (2016) Cysteine Proteases; Mode of Activation and future Prospect as Pharmacological Targets. **Front. Pharmacol**. 2016 Apr 25;7:107. doi: 10.3389 • Kapil Vashisht, Sonia Verma, Sunita Gupta, Andrew M Lynn, Rajnikant Dixit, Neelima Mishra, Neena Valecha, Karleigh A. Hamblin, Robin Maytum*, **Kailash C Pandey*,** and Mark van der Giezen* (2017). Engineering nucleotide specificity for Succinyl-CoA Synthetase of Blastocystis: The Emerging Role of Gatekeeper Residues, **Biochemistry**, 56, 334-542. • Srinivasan SUNDARARAJ, Ajay K. SAXENA, Kapil VASHISHT, Supriya SHARMA, Anup ANVIKAR, Rajnikant DIXIT, Philip J Rosenthal, **Kailash C. PANDEY*** (2014). Cross-Talk between Malarial Cysteine Proteases and Falstatin: The BC Loop as a Hot-Spot Target, **PLoS One** 9(4), e93 008. Doi:10.1371. • Srinivasan Sundararaj, Deepak Singh, Ajay Saxena, Puran Sijwali, Rajnikant Dixit, **Kailash C. Pandey*** (2012). The Ionic and Hydrophobic Interactions are required for the Auto Activation of Cysteine Proteases of Plasmodium falciparum **PLoS One** 7(10): e47227. doi:10.1371. • **Kailash C. Pandey*** (2011) Cysteine Proteases of

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