

ALAGAPPA UNIVERSITY

(Accredited with 'A+' Grade by NAAC (CGPA: 3.64) in the Third Cycle)

Karaikudi-630 003 Tamil Nadu, INDIA

Date: 20.11.2017

ICMR Lala Ram Chand Kandhari Award for Alagappa University Professor



Prof. Sanjeev Kumar Singh (Right) receiving ICMR Lala Ram Chand Kandhari Award from the Hon'ble Minister of State for Health and Family Welfare Mrs. Anupriya Patel (Centre) in the presence of Director General, Indian Council of Medical Research & Secretary, Department of Health Research Dr. Soumya Swaminathan (first from right), Dr. V.K. Paul, Member of NITI Aayog (Second from Left) and Secretary, Department of Biotechnology Prof. K. Vijay Raghavan (extreme Left)

Dr. Sanjeev Kumar Singh, Professor, Department of Bioinformatics, Alagappa University, Karaikudi, has received the ICMR Lala Ram Chand Kandhari Award for his significant contribution in the field of Sexually transmitted diseases for the year 2014. The award was given in the function held at Indian Council of Medical Research, New Delhi on 11th October, 2017. The award function was presided by Mrs. Anupriya Patel, Minister of State for Health and Family welfare, Govt. of India. Dr. Soumya Swaminathan, Secretary, Department of Health research and Director General, Indian Council of Medical Research.

Dr. V. K. Paul, Member, NITI Aayog, Govt. of India. Prof. K. Vijay Raghavan, Secretary, Department of Biotechnology, Vaidya Rajesh, Kotecha, Special Secretary, Ministry of AYUSH.

Dr. Sanjeev Kumar Singh has published more than 80 research articles in Peer-reviewed International SCI journals. He has also presented more than 60 papers in National and International Conferences/Seminars/Workshops and delivered 41 lectures in various conferences. His research team has focused majorly on the most progressive life threatening diseases like HIV and Cancer. He has been extensively working in the area of Sexually Transmitted Diseases using Computational drug designing approaches for HIV-Protease (PR), HIV-Integrase (IN) and HIV-Reverse transcriptase (RT) inhibitors. It involved research activities to explore and understand mechanism of HIV progression and designing of several novel lead molecules which could act as potential inhibitors of HIV-Integrase, HIV-Protease and HIV-Reverse Transcriptase. He has focused mainly on blocking the interaction of HIV-Integrase and LEDGF cofactor. Apart from these various research work on HIV, he has also been targeting HTLV-1 PR due its close resemblance to HIV-1 PR and in recent report he has revealed that few HIV inhibitors like Tipranavir, Indinavir, Darunavir and Amprenavir have favourable binding with HTLV-1 with high potential to become drug candidates of HTLV-1.

Besides this, Dr. Sanjeev Kumar Singh has also successfully worked on six major research projects costing approximately Rs. 1.4 crores from various funding agencies. He has guided 3 full time Ph.D.research scholars and is currently guiding seven Ph.D. research scholars. He has also guided one post doctoral research fellow. He is serving as a member of several reputed societies like, Biotech Research Society, Protein Society, Indian Biophysical Society, Society of Biological Chemist, etc.,. Currently, he is editorial board member of Journal of Microbiology and Biotechnology (Published by The Korean Society of Microbiology and Biotechnology) with JCR impact factor of 1.75 and Journal of AIDS and HIV Infection (Annex Publishers). Recently, he has been elected as Member of “The National Academy of Sciences” (MNASc) for his significant contribution in the field of Computational Biology and Structural Bioinformatics. He is also serving as General Secretary of "Bioinformatics and Drug Discovery Society" (BIDDS), headquartered at Department of Bioinformatics, Alagappa University, Karaikudi.

Prof. V. Balachandran
Registrar i/c