

Dr. G. Sumanlatha

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Assistant Professor



Dr. G. Sumanlatha is currently working as Assistant Professor in the Dept. of Genetics, Osmania University. She obtained Doctorate in Genetics from Osmania University in 2002 funded by LTMT & CSIR and Post.doc from Bhagwan Mahavir Medical Research Centre, Hyderabad (2002-2004). She worked as a Scientist in the Department of Immunology, Bhagwan Mahavir Medical Research Centre, Hyderabad from 2005 to August 2013. She was a recipient for the award of Scheme for Young Scientist by DST in 2009 and Scheme for Young Investigator by DBT in the year 2008. Her broad areas of research interest include immunological and molecular aspects of Asthma, Tuberculosis and Tuberculosis with diabetes etc. Currently she is working in the area of host Tuberculosis infection and their household contacts to identify biomarkers for early predictors of disease in high-risk individuals. Also working on asthma pathogenesis by studying different Immunological & molecular aspects for better therapeutics. She has 87 publications to her credit in International and National peer reviewed journals. She was one of the authors of tuberculosis research work which was published in the prestigious journal in Nature Immunology April 2018. She has contributed chapter in Innovative Immunology 2015, Austin publishing group. She guided 7 students as supervisor and 2 students as co-supervisor for the PhD awards and currently 8 students are working for their doctoral degree under her supervision. She was also the mentor for 05 students i.e Dr. D. S. Kothari Post. Doctoral Fellowship, Women Scientist - ICMR-DHR, Women Scientist-WOS-B, Post. Doctoral Fellow-DBT-CRDF. She is a member in Indian Immunology Society and was Associate member in Indo German International Research Training Group (IRTG) GRK167 on Functional Molecular Infection Epidemiology from 2009-2015. She has presented her work in National and International conferences that includes her work in ERS conference in 2011 at Amsterdam, Netherlands. She has presented her work In BRIDGE Colloquium “**functional molecular infection Epidemiology**” 18th April 2013 at Freie University at Berlin, Germany sponsored by Indo German International Research Training Group (IRTG) GRK1673. She has attended many workshops and training programs in the field of Immunology and molecular genetics. She was an organizing member for various seminars and also delivered invited talks at International and National Seminars in the field of Tuberculosis, Clinical Trials and Basic Immunology. She is reviewer for 28 peer journals i.e Frontiers in Immunology, Pediatric Pulmonology, Community Medicine, Scientific Reports, PLOS One, Infection, Genetics and Evolution, Human immunology, BMC Genetics, Inflammation etc. Till date she has completed 11 projects as Principal Investigator, Co-investigator and mentor and currently she has 2 ongoing projects as Principal Investigator and mentor funded by DST and ICMR-DHR, Government of India.