

SUDHIR GUPTA, MD, Ph.D., D.Sc. (h.c.), MACP, FRCP (C), FRCP (Lond)



Sudhir Gupta received his medical and doctorate degrees from the King George's Medical College, Lucknow. He moved to the US in 1971. He served as a Teaching Faculty Fellow at the Tufts University School of Medicine, Boston, and a Visiting Fellow in Medicine at the College of Physicians and Surgeons, Columbia University, New York. He then joined Memorial Sloan-Kettering Cancer Center and Cornell University Medical College, New York (1974), and in record time (4 years) rose to the rank of an Associate Professor of Medicine and Immunology. In 1982, he moved to the University of California, Irvine to establish new Division of Basic and Clinical Immunology, and became one of the youngest Professors of Medicine, and Chief of Immunology in the United States. He also served as Vice Chair of Medicine for Academic Affairs and Professor of Neurology, Currently he is a Professor of Medicine, Pathology & Laboratory Medicine, and Microbiology & Molecular Genetics, and the Chief of the Division of Basic and Clinical Immunology, Director of the Jeffrey Modell Center for Primary Immunodeficiency, Director of Program in Primary Immunodeficiency and Aging, at the University of California, Irvine.

Dr. Gupta is board certified in Clinical Immunology by the Royal College of Physicians and Surgeons of Canada, and both in Allergy and Immunology, and Diagnostic Laboratory Immunology by the American Boards of Allergy and Immunology. He is a Fellow of number of scientific societies including Royal College of Physicians and Surgeons of Canada, Royal Society of Medicine, London, American College of Rheumatology (Founding Fellow), American Academy of Allergy, Asthma, and Immunology, and American College of Allergy, Asthma, and Immunology.

He has received numerous awards, including *Doctor of Science (Honoris Causa)* from King George's Medical University, Lucknow, *Election to Henry Kunkel Society*, Arthur Manzel Award from the College of Physicians and Surgeons, Columbia University; Lifetime Achievement Award from the Jeffrey Model Foundation, New York, Outstanding Scientist Award in Medical Sciences by FIA, Most Distinguished Physician, and Researcher and Teacher Awards from the American Association of Physicians from India (AAPI). *He is a first recipient of the prestigious Ranbaxy Science Foundation Award in Medical Sciences (outside India) for his contributions to the T cell biology in human aging. The Board of Regents of the American College of Physicians conferred upon Dr. Gupta its highest honor, the Mastership of the American College of Physicians (MACP), and most recently elected as Fellows of Royal College of Physicians, London (FRCP [Lond]). In 1986, Dr. Gupta along with his wife Abha were presented to Her Majesty the Queen Elizabeth and Prince Philip at a special ceremony of the Royal Society of Medicine, London. He also served as a Scientific Advisor to the late Prime Minister Indira Gandhi.*

Dr. Gupta has been Visiting Professor at various universities around the globe and has delivered numerous Oration lectures. Dr. Gupta has served on numerous important National and International committees, including Committees of the National Institutes of Health, Food and Drug Administration, and Advisory committee of the World Health Organization. Dr. Gupta has served and serving as a member of the Editorial/Advisory Boards of more than thirty national and international scientific journals. *He was the Founding Editor of the Journal of Clinical Immunology and served as its Editor-in-Chief for 3 decades (since 1981). He took retirement from the Editorship on January 2011 to devote his time and efforts to his foundation, FPID to do charitable work on PID in India and the US.*

Dr. Sudhir Gupta is internationally known for his important contributions in the field of cellular and molecular immunology. Some of his landmark and original contributions include mouse red blood cell rosette formation as a marker of human B cells, ontogeny of human surface immunoglobulin, receptors on human eosinophils, K⁺ channels in human T cells and their role in immune responses and in autoimmune diseases, Gene mutations in CVID and hyper IgM syndrome, molecular basis of apoptosis in aging, reversal of multidrug resistance in cancer cells by cyclosporine A, and dendritic cell biology and molecular basis of human immunosenescence etc. These contributions have been published in high impact journals like Nature, Science, Proceedings of the National Academy of Sciences, USA, Journal of Experimental Medicine, Journal of Clinical Investigation, Journal of Immunology, New England Journal of Medicine, Blood, Aging Cell, Genes and Immunity, Nature Cardiovascular Medicine, Clinical Translational Immunology etc.

*He has **published more than 580 scientific papers**, invited reviews, and book chapters, and more than 350 abstracts. He has **edited 30 books** and Journal supplements in various areas of cellular, molecular and applied immunology, including, **1st book on Current Concepts in Primary Immunodeficiency Diseases co-edited with Claude Gricelli**, Immunology of Rheumatic Diseases, Immunology of HIV Infection, Immunology of Diabetes Mellitus, and Cellular and Molecular Aspects of Allergic Diseases. He has trained more than 75 physicians and scientists from all over the globe. Many of his trainees are now Professors, Chairman of the Departments, and Dean at major Medical Schools and Universities around the globe.*

*In recognition of his scientific contributions to immunology and to the University of California, Irvine, the President of the University of California system has established an Endowed chair in his name "**Sudhir Gupta Endowed Chair in Molecular Immunology**", first Endowed Chair in the department of Medicine **at the University of California, Irvine***

Current Philanthropic Projects

In 2010, Dr. Gupta founded a not-for-profit and charitable foundation, the Foundation for Primary Immunodeficiency Diseases (FPID; www.fpid.org) with the mission to support education (of patients, clinicians, and scientists), early diagnosis, treatment, and research for primary Immunodeficiency diseases in India and the US. The Scientific Advisory Board consists of two Nobel Laureate, four members of the National Academy of Sciences, and Academy of Science, and Arts, and a pioneer in gene therapy for primary immunodeficiency diseases. Abha and Sudhir

Gupta through their Foundation are supporting early diagnosis and treatment for PID at 8 institutions in India (PGIMER, Chandigarh, SGPPI, Lucknow; King George's Medical University, Lucknow, NIMS, Hyderabad, NIIH, Mumbai, JIPMER, Puducherry, Government Medical College, Calicut, and Aster CMI Hospital, Bangalore. In addition, FPID is providing life-saving treatment (intravenous immunoglobulin) for 15 children with PID at PGIMER, Chandigarh. The Foundation organizes and supports International Conference on PID, Indian national conference, and introductory courses in primary immunodeficiency in India. FPID also organizes annual Patient education day for patients with PID and their spouses and parents, Physicians Education Day, and annual International Scientific symposium on PID in Newport Beach, California. The Foundation also supports a program of Primary Immunodeficiency at Los Angeles Children Hospital, USC, and research at University of California, San Diego.

Dr. Gupta has been working with Director General of ICMR (Indian equivalent to NIH of the US) & Secretary of Health Research, and Minister of Health and Family Affairs of India to establish several Centers of Excellence (COE) in Primary Immunodeficiency Diseases (PID) in India. Two institutions (PGIMER, Chandigarh, and NIIH, Mumbai) have been approved and funded as Center for Excellence in Primary Immunodeficiency Diseases. Dr. Gupta has helped in the establishment of formal research collaborations and training of Indian physicians and scientists (in primary immunodeficiency) between Indian Centers of Excellence and NIH of the US and Rockefeller University, New York. Foundation has already supported training of several physicians/scientists/students.