# National Academy of Medical Sciences (India)

Directory of Emeritus Professors



#### **Foreword**

Through a nation-wide effort, continuing medical education has been supported and strengthened by the Academy for more than two decades. It remains one of the principal activities of the Academy and would be further reinforced in future. However, during the last few years, there has been a growing concern regarding the need to focus more intensively on continuing professional development (CPD). It is not merely semantics: CPD designates a period of education and training of medical professionals, biomedical scientists, and medical teachers commencing after completion of basic education in medicine / biomedical sciences followed by postgraduate education and training in chosen areas of specialization, and thereafter extending throughout the professional working life. Indeed effective CPD is characterized by an intensely felt but as yet unmet need, and requires structures to be in place for not only reinforcing learning previously accomplished, but also in introducing new knowledge, updating clinical, laboratory and / or teaching skills, and above all, mentoring over an extended period of time. A mentor is, and continues to remain, a trusted friend, an ever encouraging advisor, and an erudite guide, with selfless dedication. A true mentor imparts a traditional perspective, as well as a futuristic potential, to the career choice and professional development.

Keeping this in view, the Academy decided to recognize a group of senior Fellows with a proven track record of professional excellence and subject expertise of a high order, who have been admired as gifted teachers, and who hold an abiding interest in sharing learning with young faculty, clinicians, or biomedical scientists. This select panel of stalwarts has been designated as Emeritus Professors of the National Academy of Medical Sciences.

The assigned responsibilities of Emeritus Professors include guiding medical institutions in planning and organizing educational programmes aimed at enhancing knowledge, facilitating comprehension of emerging scientific and technological concepts, upgrading professional / laboratory skills, inculcating an aptitude of research and enquiry, and in general enriching the academic environment of the institution(s) that they visit. A blend of learning settings including lectures, seminars, symposia, clinical case discussions, clinicopathological conferences, operative surgical or interventional techniques and laboratory demonstrations, utilizing learning resource materials which may also be adapted to distance learning, shall be appropriately and effectively employed so long as these facilitate interactive learning. A mechanism of evaluation, both of the process as also of the outcomes, is being developed.

The Directory of Emeritus Professors has been compiled and is being circulated to all universities, medical colleges and postgraduate institutions throughout the country. It will also be provided to Fellows and Members of the Academy on request. The Directory can also be accessed and downloaded from the NAMS website (<a href="www.nams-india.org">www.nams-india.org</a>). Universities, medical colleges and postgraduate institutions, taking cognizance of their academic needs, may invite one or more Emeritus Professors through the Secretary, NAMS who will expeditiously process all such requests. NAMS will provide airfare and reimburse any

incidental expenses. Local hospitality shall be extended by the concerned university, medical college / institution. Minimum period of stay during any single visit shall be three working days. Inherent flexibility shall be ensured both in the administrative arrangements as well as in the academic assignments.

As Henry Adams aptly stated: a teacher affects eternity; he can never tell where his influence stops. We visualize a similar nationwide impact of Academy Emeritus Professors.

(Prof. J.S. Bajaj)

Chairman – Academic Committee

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# Prof. S.S. Agarwal, FAMS MD, FRCPC, FASc, FNA



Prof. Agarwal took his medical education from K.G. Medical College, Lucknow and did post-doctorol training with Noble Laureate Baruch S. Blumberg at Fox Chase Cancer Center, Philadelphia, USA. He started his career as Lecturer in Medicine at the King George's Medical College in 1970. He then moved on to the SGPGIMS in 1986 to set up the Departments of Medical Genetics and Clinical Immunology and started the programme of DM in these subjects. With his endeavors these subjects have been included in the schedule of super specialities by the Medical Council of India.

Prof. S.S. Agarwal is known for being a keen researcher. The spectrum of his research work has ranged from studies of DNA replication and DNA repair in human lymphocytes to clinical trials and epidemiological studies. He is credited with the delineation of etiology of Handigodu disease, mode of inheritance of Indian Childhood Cirrhosis, evaluation of the genotoxic effects of MIC in the population exposed in the Bhopal Gas tragedy of 1984, defining of the spectrum and frequency of Thalassemia mutation in Uttar Pradesh leading to provision of antenatal diagnosis of Thalassemia at SGPGI, establishment of safety and efficacy of Gugulipid, a product of CDRI, as hypolipidemic agent which led to its marketing in India and establishment of efficacy of periconceptional folic acid supplementation in preventing recurrence of Neural Tube Defects in India. In addition to his own research projects, he has also actively coordinated various multi-centric task force studies of the ICMR in the field of medical genetics. In the field of immunology he has contributed to the study of immunomodulators and sero-epidemiology of malaria.

Prof. Agarwal has been recipient of the prestigious Shanti Swarup Bhatnagar prize, Ranbaxy Award for Clinical Research and Vigyan Ratna Award of the UP Govt. He is also Founder Fellow of the Indian College of Physicians, Mumbai. He has delivered several prestigious national orations.

Since 1980, Prof. Agarwal has been associated with the establishment and development of SGPGI, Lucknow. As the first Dean of the SGPGI, Prof. Agarwal was instrumental in evolving the syllabus and curricula of various super speciality courses at the institute and laying down of novel traditions of teaching training and evaluation. Various plans of the first phase of the institute got consolidated during the tenure of his Directorship. Subsequent to his superannuating from SGPGI he accepted another challenging task of developing the Advance Center for Treatment, Research and Education in Cancer (ACTREC), a research wing of the Tata Memorial Center at Kharghar, Navi-Mumbai. He was its founding Director from 2001-2004. Presently he is providing honorary services to the CDRI and Vivekanand Polyclinic at Lucknow.

Area of specialization: Genetics & Immunology/Internal Medicine

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#### Prof. J.S. Bajaj, FAMS

MD, FRCP(Ed.), FRCP (Lond.), D.M.(h.c. Karolinska), Hon. D.Sc.(B.H.U.), D.Sc. (h.c. MGR Med. Univ.), Hon. D.Sc. (Madras), D.Sc.(h.c. GND Univ.), D.Sc. (h.c. Univ. Health Sc., Andhra) D.Sc. (h.c. Punjabi Univ.)

Prof. J.S. Bajaj served as Member (Health), Planning Commission, Government of India, in the rank of Minister of State (1991-98) and steered the development of national policy and plans for health and medical education. He joined the Faculty of the AIIMS in 1966, formally retiring as Professor and Head of Medicine in 1996. He served as Honorary Physician to the President of India from 1977-82 and again from 1987-92. He also served Prime Minister of India from 1991-96. For his distinguished achievements as a Medical Educationist, Prof. Bajaj received the coveted Dr. B.C. Roy National Award in the category of 'Eminent Medical man' for the year 1992. The citation at the award of D.Sc. Dr. MGR Medical University, Tamil Nadu, stated: 'With his outstanding professional achievements and significant research contributions, coupled with organizational leadership and conceptual planning of health manpower and health care delivery systems, Professor Bajaj can be rightly counted not only amongst the most eminent medical men of the country, but also as a highly reputed medical statesman with vision and courage.'

His most outstanding researches include the original work on Entero-Hypothalamo-Insular Axis, Mathematical models of insulin kinetics in health and disease, and Endocrinal and Metabolic Profile of Protein-energy malnutrition. He has published 5 books on Insulin and Metabolism, Diabetes mellitus and Glucagon and has more than 250 publications and research communications to his credit. He has delivered 67 prestigious national and international academic orations and lectures, notable being Banting Oration, Hodgkin-Sanger Oration, Sir AL Mudaliar Centenary Oration, JRD Tata Oration, Taro Takemi Memorial Oration, Radhakrishnan Memorial Lecture, Lilly Lecture, Sir Edward Mellanby Memorial Lecture, Sir Alister McIntyre Distinguished Award Lecture, and Academy Oration. He has received more than 50 national and international awards including medals, plaques and scrolls of honour notably Masaji Takeda Medal, Japan, Dhanwantri National Award, and the Gifted Teacher Award of API. In recognition of his outstanding contributions, he was awarded *Padma Shri* in 1981. The citation at the award of *Padma Bhushan* in 1982 by the President of India stated: "*Prof. J.S. Bajaj is an eminent physician, diabetologist and medical scientist of international repute*".

Professor Bajaj was first Academic Sub-Dean of AIIMS. He was the Founding Chairman of BF University of Health Sciences, Punjab, nurturing its growth and development for five years. He served the National Board of Examinations as Chairman of its Examination Review Committee, and later as its President for a 3 year term. He was elected President, NAMS (1992-1994) and continues to steer its Academic programmes. He led the Indian delegation to the World Health Assembly, Geneva in 1993. He was the Vice-Chairman of the WHO Expert Committee on Diabetes in 1979; Co-chairman of the WHO Study Group in Diabetes in 1986 and of the WHO Meeting for National Diabetes Programmes, Geneva, 1994. He is Honorary President, Diabetic Association of India, Past President, Endocrine Society of India and President, Indian Association for the Advancement of Medical Education. He was the first scientist from outside Europe and the USA to have been elected in 1985 as the President of the International Diabetes Federation (IDF) for a 3 year term, at the completion of which he had the singular distinction of being unanimously elected as Honorary President of the Federation for life.

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#### Prof. M. Berry, FAMS MD, FICR, FIMSA



Prof. M. Berry is former Professor and Head, Department of Radiodiagnosis, AIIMS, New Delhi. Her major thrust areas of research work include cost effective imaging protocols, gastrointestinal, hepatobiliary, pancreatic diseases, quality assurance programme and radiation protection in diagnostic radiology. A WHO collaborating center in Imaging Technology and Radiation Protection was established at AIIMS.

She received funds for various multicentric research projects from International Atomic Energy Agency (IAEA) Vienna, Atomic Energy Regulatory Board (AERB), ICMR, Ministry of Welfare, Govt. of India. The list of research projects includes comparative evaluation of ultrasonography & scintigraphy in the diagnosis of focal & diffuse liver diseases; radiation protection in diagnostic radiology; evaluation of radiation risk in cardiac radiological and angiography procedures; evaluation of fetal growth parameters during pregnancy, clinical parameters *vis-a-vis* ultrasonography; epidemiology of peptic ulcer in India; quantification of radiation harm from diagnostic X-rays; physio-anthropometric studies of the lower extremity in the Indian population.

Based on the experience of working with two spiral CT scanners and various projects undertaken in the Department of Radiodiagnosis at AIIMS, a book on "Spiral CT Protocols: A Practical Approach" was published in March 2000 to present a set of comprehensive and practical imaging protocols for everyone practicing with spiral CT scanner in Indian scenario.

She initiated and successfully completed the tripartite joint venture of three best academic institutions of the country, AIIMS, PGI, Chandigarh, MAMC, Delhi of organising teaching courses and publishing books on Diagnostic Radiology covering all organ systems including Advances in Imaging technology. She had been one of the active members for Radiology Education & Technical training programmes in Inter Institutional collaboration between AIIMS and Bangladesh, B.P. Koirala Institute of Health Sciences, Dharan, Nepal, AERB and MCI.

Her area of expertise is Diagnostic Radiology with special interest in Gastrointestinal, Hepatobiliary and Pancreatic imaging and quality assurance programmes.

She has delivered Sir Jagdish Chandra Bose Memorial Oration and Achanta Lakshmipathi Oration.

Area of specialization: Radiology & Imaging

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# Prof. M.K. Bhan, FAMS MD, FASc



Prof. M.K. Bhan is at present, Secretary, Government of India, Department of Biotechnology, Block-2, CGO Complex, Lodi Road, New Delhi.

Dr. Bhan is an internationally reputed and leading researcher in child health, who has worked tirelessly to investigate and apply science-based solutions to major causes of childhood deaths in developing countries. His scientific contributions have led to several interventions, which have received WHO endorsement and have been actually introduced into the national and developing country diarrheal disease control programmes.

Dr. Bhan was among the global leaders who contributed to an understanding of the critical role of zinc deficiency as the basis of immuno deficiency in malnourished children.

Prof. Bhan leads a team of researchers for vaccine development. Rota virus is the most important cause of diarrheal deaths and development of vaccine is a priority. Recent development of Vi conjugate vaccine, using outer membrane protein as a carrier, is awaiting clinical trials.

Prof. Bhan is recipient of many national and international awards like Shanti Swaraup Bhatnagar Award, National Ranbaxy Award, ST Achar Gold Medal of the Indian Academy of Paediatrics, S.S. Mishra Award of the National Academy of Medical Sciences, Biotech Product and Process Development and Commercialization Award and Pollins Foundation Research Award for US \$ 100,000 (Year 2003).

Area of specialization: Paediatrics

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#### Prof. C.S.Bhaskaran, FAMS MD, FRCPath (Lond), FIMSA, FICPath, DSc



Prof. C.S. Bhaskaran is a renowned Microbiologist and a Medical Educationist. After graduation in Medicine from Madras University, he took M.D. (Bact & Path) from Andhra University. He had advanced training in Microbiology in London School of Hygiene & Tropical Medicine, London. He served as Professor of Microbiology for over 2 decades and worked as Additional Director and Director of Medical Education, Director, Institute of Preventive Medicine and Public Health Laboratory Services and Vice Chancellor of N.T.R. University of Health Sciences in Andhra Pradesh. He is an excellent teacher, a good research worker and an able administrator. He has trained several postgraduate students and published 40 research papers in journals of good standing. His main fields of interest in Microbiology have been Nosocomial and Urinary Tract Infections with special reference to characterization of Staphylococcus aureus and Escherichia coli.

He is the recipient of Fellowships of The Royal College of Pathologists; National Academy of Medical Sciences (India), International Medical Sciences Academy; Association of Basic Medical Sciences of India; Indian College of Pathologists, A.P. Academy of Sciences and he was conferred Honorary Doctorate in Science (DSc. h.c.) from N.T.R. University of Health Sciences. He also received Dr. B.C. Roy (MCI), Dr. H.I.Jhala (IAMM), Dr. Siva Reddy (APSA), Dr. Shankar Benerjee (APIAPM) awards and delivered Dr. Govinda Reddy (NTR UHS), Dr. Khanolkar (NAMS) and Dr.Lalitha Kameswaran (Dr.MGR Tamil Nadu Medical University) Orations. He was associated with several National and International Organizations such as MCI, ICMR, NBE, Planning Commission and Ministry of Health and Family Welfare, Govt. of India and WHO. He was the President of the Indian Association of Medical Microbiologists.

He has been associated with the National Academy of Medical Sciences since 1972 and served the Academy in various capacities. He continues to take active interest in the academic activities of the Academy.

Area of specialization: Microbiology/Medical Education

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# Prof. Mrs. C. Syamala Bhaskaran, FAMS MD, FIC (Path)



Prof. Mrs. C. Syamala Bhaskaran is a well-known Pathologist with special interest in Cytopathology. After graduation in Medicine, she took M.D. Degree (Path & Bact) from Andhra University. She had advanced training in Cytopathology at Bland Sutton Institute of Pathology, The Middlesex, London and in Oncopathology and Immunopathology at the University of Pittsburgh, USA.

She worked as Professor and HOD of Pathology in different medical colleges in Andhra Pradesh for over 2 decades and later as Additional Director and Principal and HOD of Pathology, Gandhi Medical College, Hyderabad until her superannuation in 1990. She is an excellent teacher, a good research worker and an able administrator. Trained several postgraduate students and published 80 research papers in Journals of good standing. Her main fields of interest are Cytology and Oncopathology. She is the recipient of several academic distinctions, which include Fellowships of the National Academy of Medical Sciences (India); International Medical Sciences Academy and Indian College of Pathologists, and awards such as Ernest Fernandez Award (Indian Academy of Cytologists), Best Teacher's Award (Government of Andhra Pradesh), Dr.B.C.Roy National Award (MCI) and Dr. Shanker Banerjea Memorial Award (Indian Association of Pathologists & Microbiologists, A.P. Chapter. She also delivered Dr. T.V.S. Chalapathy Rao Memorial Oration (IMA Vijayawada), Cipla Oration (Indian Academy of Cytologists), Advani Bregenza Oration (Association of Medical Women of India, Cama Albes Hospital, Mumbai), IAPM Vidharbha Chapter Oration and Dr.Govinda Reddy Memorial Oration (NTR University of Health Sciences).

She was also associated with National organizations such as ICMR, MCI, NAMS, NBE, and Member of the Senate of Padmavathi Mahila University, Tirupati. She was the Council Member of the National Academy of Medical Sciences (India). She continues to practice her specialty as a consultant and evinces keen interest in the Continuing Medical Education programmes organized by the Academy in the country.

Area of specialization: Pathology

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# Prof. R.V. Bhatt, FAMS MD, DCH.



Prof. Rohit Bhatt served as Professor and Head of Obst. & Gyne department at Medical College, Baroda from 1963 to 1984. At present he is the chief of the Obst. and Gynae department of Bhailal Amin General Hospital since 1984. Dr. Bhatt was elected the Fellow of the National Academy of Medical Sciences in 1981. He has been the President of various national bodies like Federation of Obstetricians and Gynecologists of India, Perinatology society of India and National association of reproductive and child health. Dr. Bhatt was the vice-president of Asia Oceania Federation of Obstetricians and Gynecologists in 1992-94. He also was the Chairman of the Indian College of Obstetricians and Gynecologists (ICOG), and is the Chairman-elect of International Journal of Gynaecology and Obstetrics (India). Dr. Bhatt was honorary lecturer of Obst. & Gynae at the university of Edinburgh in 1965. He was also consultant to John Hopkins Program International in Gynaecology and Obstetrics. Dr. Bhatt was consultant in MCH program of World Health Organization (WHO). He was a WHO Fellow in UK in 1965. Dr. Bhatt was also a senior consultant to The Population Council. He has also worked as a Director of Laparoscopic Training center under John Hopkins University in 1979-82. Dr. Bhatt was invited as a visiting professor at Postgraduate Institute of Medical Education and Research, Chandigarh in 1971 and RNT medical college in 1975.

Dr. Bhatt serves on the editorial board of many scientific journals. He was invited to give several orations in India and abroad. He has contributed chapters in many books and has more than 150 publications in scientific journals. Dr. Bhatt's main interests are on maternal and perinatal health, population stabilization, fertility control, pregnancy anemias and infertility.

Area of specialization: Obstetrics & Gynaecology/Maternal & Child Health

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# Air Marshal (Retd) Prof. M.S. Boparai, FAMS PHS, MS (Opth), FICS, FACS



Air Marshal (Retd.) (Prof) MS Boparai graduated from Medical College Amritsar and joined the Armed Forces Medical services in 1957. He did his doctorate training in Ophthalmology at Sarojini Devi Institute of Ophthalmology Hyderabad and Armed Forces Medical College, Pune. While doing a post doctoral fellowship in general Ophthalmology and Orbital/Oculoplastic Surgery, he practiced Ophthalmology at Moorfields Eye Hospital, London for two years.

His Academic appointments include Associate Professor/Professor and later Prof. and HOD Ophthalmology at AFMC, Pune. Still later he was Prof.- cum- Dean and Director of the college. He has taught Ophthalmology at AFMC, Army Hospital (Research and Referral) and other teaching hospitals of Armed Forces for 25 years. He has been member speciality board in Ophthalmology of National Board of Examinations, twice. His major interest in Ophthalmology has been oculoplasty/orbital surgery and ocular Trauma. He has published/read over 150 papers in these fields. Major area of his research work has been high attitude ophthalmology under the aegies of Defence Research and Development Organization. He was on the board of high attitude medical research center, Leh for a number of years. He has contributed chapters in a number of books and has been Chairman editorial board of Medical Journal, Armed Forces (India).

He has been honorary Eye Surgeon to the President of India twice. He has been the recipient of BC Roy National Award, Ati Vashisht Sewa Medal, Commendation medal by Chief of Army Staff and WHO fellowship. He has been and presently continues to serve as a council member, National Academy of Medical Sciences (NAMS). He has been President of a number of Professional bodies viz Indian Society of Aerospace Medicine, Ocular Trauma Society of India, Oculoplastic association of India and a number of state societies. He has delivered 7 orations and a large number of guest lectures and keynote addresses.

Having held the rank of Lt. General in the Army and later Air Marshal in Indian Air Force, he superannuated from the post of Director General Medical Services in 1995. Since then he is Director, Boparai Eye Clinic and Research Center, 15/5 RB Center, Nangal Raya, New Delhi and Consultant Ophthalmology, Bodh Raj Institute of Ophthalmology, Jeewan Hospital, 67/1, New Rohtak Road, New Delhi. He is involved in a big way with medical social work for prevention and control of blindness in association with, Impact India Foundation, Hitkari Rural Foundation, Andhkar Vinaash Samiti, Lajpat Bhawan and Ministry of Health and Family Welfare Govt. of India.

Area of specialization: Ophthalmology/Medical Education

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# Prof. (Mrs.) Kamal Buckshee, FAMS MD, FICMCH, FICOG, FAFS, FICS



Prof. (Mrs.) Kamal Buckshee is a senior consultant at Indraprastha Apollo Hospitals, Fortis La Femme and Medical Director of The Woman Clinic. She was the former Professor and Head of the Department of Obstetrics and Gynaecology at AIIMS, where she was actively engaged in teaching, training, patient care and research for nearly three decades. She is the recipient of Dr. B.C. Roy award of "Eminent Medical Teacher", Commonwealth fellowship (UK), WHO (Stockholm-fetal medicine), Norwegian Academy senior scientist award for training in IVF and ART, fellow of American Fertility Research. She has been awarded fellowship by Royal College of Obst. and Gynae (FRCOG ad eundem), Lifetime achievement award of FOCGSI and AOGD. She is the first Indian Obstetrician and Gynecologist to develop and standardize inutero Fetal Skin Biopsy technique, cordocentesis for fetal diagnosis and inutero blood transfusion, uterine balloon therapy in patient with Dysfunctional Uterine Bleeding. She also devised a novel method of terminating a pregnancy associated with large and multiple fibroids-reported for the first time in world literature. Her work on zona antibodies, cytotoxic drug sensitivity test to predict tumor response to chemotherapy in genital tract malignancies are also the first reported such studies from India.

Her other achievements have been in the field of Gyn. Endocrinology esp. in PCOS, Hyperandrogenism, Plastic Reconstructive Surgery of the vagina and cervix, Microsurgery, Infertility, Adolescent Gynaecology, Oncology and High Risk Pregnancy, She has been examiner for DM in endocrinology, DM genetics, Ph.D and MD (Obst. & Gynae) for India, Nepal, Dhaka and Sri Lanka and has been the president of FOGSI, ISOPARB and AIIMSONIANS and member of Delhi Medical Council; Advisor to medical colleges, CSIR, UPSC to select faculty and pool officers. She has also been the chairman of Reproductive Biology Committee-AOFOG, Bureau of Indian Standards and has a large number of publications (>200). Her pursuit for newness in Obst. & Gynae, quality care, ethics and patient care based on evidence based medicine has won her recognition in her specialty.

Area of specialization: Obstetrics & Gynaecology

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#### Prof. Ranjit Roy Chaudhury, FAMS D.Phil(Oxon), FNA, FRCP(Edin), FIMSA, DSc(h.c.)



Professor Ranjit Roy Chaudhury, Emeritus Scientist at the National Institute of Immunology, New Delhi since 1991 and former Professor of Pharmacology and Dean at the PGI, Chandigarh has had a distinguished career as a medical educationist, and a leading research worker. He is also recognized as a health policy planner. He completed his medical studies at the Prince of Wales Medical College, Patna in 1954 and proceeded to Oxford on a Rhodes Scholarship-the first doctor from India to obtain this coveted scholarship. After obtaining the D.Phil degree he returned to India and worked first at the AIIMS and then at the PGI, Chandigarh – with a spell of deputation at the World Health Organization.

His successful effort in modifying the conventional approach to clinical evaluation of herbal remedies has led to significant changes in the methodology adopted and has helped in drastically curtailing the time required for carrying out such studies. Currently, in his capacity as the Chairman of the ICMR Scientific Advisory Group on Traditional Medicine since 1991 Professor Roy Chaudhury, using this modified approach, has been able to significantly contribute to the national effort in clinical evaluation of medicinal plants effective against various diseases.

His original research in the field of reproductive pharmacology on the mechanism of action of intrauterine devices has won global recognition. In view of the need for a herbal oral contraceptive in India – which would be very acceptable to the people, Professor Roy Chaudhury and his team investigated one hundred plants and identified six of these for further work. One such plant combination is now, after extensive standardization, acute and subacute and teratology studies, going to be clinically evaluated at three centres.

Professor Roy Chaudhury's expertise in Pharmacology, Clinical Pharmacology and Toxicology is extensively being used by organizations such as the ICMR, CSIR and the Department of Biotechnology. He was the first Chairman of the Toxicology Review Panel of ICMR in 1978 and, after his retirement in 1990, has again been Chairman since 1991. He is now Chairman of the Sub-committee of the Ethical Committee on clinical trials of drugs, medicinal plants, vaccines and diagnostics.

He has received many awards as recognition of his work. These include the prestigious S.S. Bhatnagar Award, Dr. B.C. Roy Award, the Amrut ModiAward of UNITRUST.

In 1998, the President of India, in recognition of his services to medical education and research awarded him the **Padma Shri.** 

Area of specialization: Clinical Pharmacology

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#### Prof. J.S. Chopra, FAMS MRCP, PhD (UK), FRCP (Edin)



Prof. J.S. Chopra was born in June, 1935. He was Head Department of Neurology, Postgraduate Institute of Medical Education and Research Chandigarh (1968 - 1995) and is currently Emeritus Professor. He has a long administrative experience and examinership of various institutions. He was member of expert and selection panels and ICMR Core Committees etc.; Founder Director Principal Govt. Medical College Chandigarh; Secretary Medical Education and Research Chandigarh Administration; Consultant Neurologist Armed Forces of India. He was Founder President Indian Academy of Neurology; Past President Neurological society of India. The awards conferred on him include Certificate of Merit Indian Academy of Medical Sciences; Pelipa Perindevi Surya Kumari award; Distinguished Alumnus award GMC Patiala; 9th Shri Amrut Mody Research award, M S Sen Oration award ICMR, Dr. B.C. Roy National award MCI, National Lecturer University Grants Commission.

Dr. Chopra's international recognitions include Guest Speaker/ Visiting Professor; Vice Chairman, World Federation of Neurology (WFN); Research Group on Organization and Delivery of Neurological Sciences; Member & Co-Chairman, Finance committee Member, Public Relations Committee, Ethical Committee, Structure & Functions Committee, Publication and Website Committee of WFN; Member, Executive Committee and Gift Committee, International Federation of Clinical Neurophysiology; National Delegate from India - WFN.

Dr. Chopra has delivered many prestigious orations *viz*. Dr. M. S Sanjeev Rao Oration, Dr. N. K. Gupta Oration, Dr. R. S. Allison Oration U.K., Baldev Singh Oration, NSI 2005. He is a Member of Fulton Society, British Medical Society, American Neurological Association, Association of British Neurologists, Ulster Medical Society; Honorary Member, American Academy of Neurology, and American Neurological Association member, Indian Academy of Neurology, Neurological Society of India. He is a Fellow of Royal College of Physicians, Edinburgh (U.K.), National Academy of Medical Sciences, Founder Fellow, Indian Academy of Neurology. Dr. Chopra was the Editor of Neurology India (1991 - 1996), Neurology in Tropics, Text Book of Neurology, 'World Neurology', a publication of WFN, and was on Editorial Board of 10 international journals and other books. He has published 235 Scientific Papers and over four dozen chapters in various books and monographs.

Area of specialization: Neurology

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# Prof. K.S. Chugh, FAMS MD, FRCP, FACP, FICP, FICA.



Prof. K.S. Chugh is an Emeritus Professor of Nephrology and Former Chairman, Dept. of Medicine and Professor and Head, Department of Nephrology, PGIMER, Chandigarh.

Prof. Chugh's major contributions in Renal Medicine include pattern of acute renal failure in the tropical countries, pathogenesis of renal lesions due to snake bites, glomerular diseases associated with tropical infections like malaria, leprosy, tuberculosis and schistosomiasis, renal amyloidosis, renovascular hypertension due to Takayasu's arteritis in the young in India, pregnancy associated renal disease and various aspects of dialysis, transplantation and infections amongst dialysis and transplant recipients and ethical problems of transplantation in developing countries.

He has published 403 papers including 38 chapters, in international and national journals and textbooks. He has contributed several invited editorials and articles in International Journals and Books.

He has been a recipient of 38 national and international awards. These include **Padma Shri**, Dr. B.C. Roy National Award as "Eminent Medical Man of the Country of the year 1992", Gifted Medical Teacher Award by the Association of Physicians of India and the Dhanvantri National Award. He was the first Asian Nephrologist who was honoured by the National Kidney Foundation of USA with "Distinguished International Award" and by the Kidney International with "Nephrology Forum Award". Besides these, he is a recipient of Sir Shri Ram Memorial Oration and Glaxo Oration by the National Academy of Medical Sciences, Dr. B.C. Roy National Award for the development of specialty of Nephrology by the Medical Council of India, two national awards by the ICMR for outstanding research in Nephrology, Senior Common Wealth Award (UK), Gold Medal Prize by the Nihon University Tokyo, Japan, George Coelho Memorial Award by the Assoc. of Physicians of India, B.L. Khullar Gold Medal by the Indian Society of Nephrology and several others including Nishan-e-Khalsa Award by the Govt. of Punjab. The Association of American Nephrologists of Indian Origin has honored him with a Life Time Achievement Award in Philadephia in November 2005 and the Indian Society of Nephrology has conferred a Life Time Achievement Award on him at the XXXVI ISN Conference in December 2005.

Area of specialization: Nephrology

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# Prof. T.D. Chugh, FAMS MD, PhD, FRCPath, FAAM



Prof. T.D. Chugh during his long academic carrier has taught, trained and mentored undergraduate and post-graduate students both in India and abroad. He graduated and post graduated in Amritsar. He started his academic and professional carrier in Amritsar in 1958 and moved to Rohtak in 1966. In 1972, he started a new Department of Medical Microbiology and established post graduate programmes-MD, M.Sc and Ph.D. In 1979, he moved to Kuwait and established a department of Medical Microbiology in the young faculty of Medicine.

He is a gifted teacher, having been adjudged as the best teacher by his students and peers repeatedly. As a biomedical scientist, he has published 227 research papers in national and international Journals and made some landmark studies. Colicine production of *Klebsiella* was described on an auto transferable plasmid first time in the world literature. Also his comprehensive studies on pathogenesis of infective Endocarditis showed for the first time in the world that the adhesion of *Staph. epidermidis* is lipoteichoic acid. He has done comprehensive studies on the diagnosis of tuberculosis by detection of antibodies, antigens and PCR. The speciation and drug resistance of local strains was carried out. Studies on the efficacy of BCG vaccination and *M. vaccae* vaccine as an immunotherapeutic agent were made in tubercular patients. Serotyping, biotyping and bacteriocin typing were used as epidemiological markers for K. *pneumoniae* and *Ps. aeruginosa* in studies of nosocomial infections. He established Klebocin typing for *K. pneumoniae* for the first time and was awarded a grant by Indian Council of Medical Research for national survey.

His scientific work has been acknowledged in India. He is Fellow of National Academy of Medical Sciences and International Medical Sciences Academy. He was awarded Gen. Amir Chand Oration and Professor K.L. Wig Oration. His work has been acknowledged by International Community and awarded Fellowships of The Royal College of Pathologists in 1987 and American Academy of Microbiology (1995). Kuwait University honored him with "Best Funded Research Award" in 2000 and "Distinguished Research Performance Award" in 2001. He has been an invited Faculty Member to several WHO Intercountry Workshops and a Visiting Professor to Centers of Excellence.

He is currently Director of Laboratories and Senior Consultant, Sir Ganga Ram Hospital and Advisor, Communicable Diseases, ICMR, Headquarters, New Delhi.

Area of specialization: Microbiology

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# Prof. P.K. Dave, FAMS MS, FICS, FIMS



Prof. P.K. Dave retired from AIIMS in June, 2003 as Director, after starting his career as an undergraduate of the first Batch. He is a committed professional, reputed Orthopaedic Surgeon and a fine academician. During his stint as the Head of the Department of Orthopaedics, he developed and nurtured all sub-specialities of orthopaedics and made it a center well-known for spinal surgery and joint replacement. As Director, he made all-round development of AIIMS, initiated development of newer facilities like Trauma Center, Dental College and De-addiction Center.

He has been the editor of Indian Journal of Orthopaedics, Vice President of Delhi Medical Council, President of Association of Spine Surgeons of India and President of Delhi Orthopaedic Association. He has been a Member of Medical Institutes of national importance (PGI, AIIMS, NII, IGIMS, NIHFW, Neilgrihms and SGPGI). He has delivered many prestigious orations and has been bestowed with many honours. He has been Hony. Surgeon to Hon'ble President of India. He was awarded **Padma Shri** by the Govt. of India in recognition of his services in the field of medicine.

He is a Fellow of Indian Academy of Yoga, National Academy of Medical Sciences, International Medical Science Academy, International College of Surgeons, Indian Section.

He has many publications to his credit, both National and International. He is the Immediate Past President of National Academy of Medical Sciences and President of Indian Society of Biomechanics. He is the Chairman of National Accreditation Board for Hospitals and Committee on Disaster Management of the Human Rights Commission. He is also a Member of the Committee of the University Grants Commission for review of granting of Deemed University status, and the Chairman of Sub-Committee on large animals, constituted by Ministry of Health and Family Welfare.

Presently, he is working at Rockland Hospital as the Chairman of its Advisory Board and has made it a State-of-the-art hospital with ethical practices.

His areas of expertise are Joint replacement surgery, spinal surgery, limb lengthening, articular tuberculosis and TM Joint Ankylosis etc.

Area of specialization: Orthopaedics

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# Prof. M.G. Deo, FAMS MD, Ph.D, FNA



Dr. Madhav G. Deo received his MD and PhD from the All India Institute of Medical Sciences, New Delhi. Portions of his thesis work have been cited in Text/Reference Books, and he has also received National awards for outstanding work by young scientists.

He was the Director Research and Chief of Laboratories, Jaslok Hospital, Visiting Professor, School of Health Sciences, Pune, Chairman, Scientific Advisory Committee, National AIDS Research Centre. At present Dr. Deo is the Vice President and Secretary of the Moving Academy of Medicine and Biomedicine.

He is the recipient of **Padma Shri**, the R.D. Birla National Award, Om Prakash Bhasin Award and Silver Jubilee Research Award (ICMR), and Hari Om Alembic Research Fund Award. He has delivered several prestigious orations which include Silver Jubilee Oration (AIIMS), Platinum Jubilee Lecture (India Science Congress), Sarabhai Oration, Basanti Devi Amir Chand Oration (ICMR).

Dr. Deo's work is widely recognized internationally particularly in the field of cancer, leprosy and protein calorie malnutrition. He has published 120 papers in reputed international journals.

Area of specialization: Medical and Biomedical Research

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# Prof. S.S. Deshmukh, FAMS MS, FRCS



Prof. S.S. Deshmukh is the former Dean, LTMG Hospital and LTM Medical College and Former Vice Chancellor, University of Mumbai. She has been the former Professor of Paediatric Surgery, KEM Hospital and President of Association of Surgeons of India and former President of National Academy of Medical Sciences (India).

She is the recipient of prestigious national awards including Dr. B.C. Roy Award and the Dhanwantari Award. She is an honorary Fellow of Royal College of Surgeons. She has delivered 35 prestigious Orations and published 8 books. She is at present Governor's nominee on University of Mumbai (Teacher's Selection Committee) and is a member of the Academic Council of SNDT Women's University.

Area of specialization: Paediatric Surgery

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### Prof. C. Sita Devi, FAMS MD



Prof. C. Sita Devi after serving in AP Medical Services for over 30 years, retired as Principal and Head of the Department of Biochemistry, Andhra Medical College, Vishkhapatnam. She is a fellow of NAMS, Association of Clinical Biochemists of India, Association of Medical Biochemists of India and Founder Fellow of International Medical Sciences Academy. She worked at the University of Minnesota on TCM fellowship for one year (1961-1962). She received WHO fellowship for one year (1971-1972) when she worked in Sarafimer hospital of Karolinska Institute, Stockholm.

She has published 52 papers in National and International journals. Her work on scorpion venom, dracontiasis and lipids was quoted in foreign text books.

She chaired several scientific sessions at National Conferences and organized national and state conferences both as Head of the Department of Biochemistry and Principal, Andhra Medical College.

She was an examiner for undergraduates and post graduates of several universities. She was a member of Board of studies for undergraduates and post graduates of Andhra and Banaras Hindu Universities.

She received Dr. B.C. Roy Award of the MCI under eminent Medical Teacher's category. She was a member of National Technical Committee of NABL, Dept. of Science and Technology for accreditation of Clinical laboratories (1997-98) and member of Andhra Pradesh Medical Council 1997-2001. She was President of Association of Medical Biochemists of India 1993-1994, and Association of Clinical Biochemists of India 1980. She was elected as member of Council of National Academy of Medical Sciences (2001-2003). She received meritorious teacher's award of AP state in 1985. She delivered Brigadier Sinha oration of IMA and Silver Jubilee oration of Trivandrum Medical College. She delivered Dr. Gopalakrishnan Association oration at Association of Medical Biochemists of India, Kakinada (AP) on 27<sup>th</sup> November, 2003. She was honored as Eminent Women Scientist 2004 by Academy for Science, Technology and Communications. She worked as consultant in Biochemistry of Laboratory Services, CDR Hospitals, Hyderabad, for 13 years.

She worked as Advisor and Senior Consultant Biochemist in the Department of Laboratory Medicine, CARE Hospital, The Institute of Medical Sciences, Banjara Hills, Hyderabad, from 2001 to 2005.

Area of specialization: Biochemistry

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# Prof. N.K. Ganguly, FAMS MD, DSc(h.c.), FNA, FNASC, FASC, FRCPath, FRCTrop



Prof. N.K. Ganguly received MD (Microbiology) from PGIMER, Chandigarh and obtained D.Sc. (h.c.) from Bundelkhand University, Jhansi, Chhatrapati Shahu Ji Maharaj University, Kanpur and University of Calcutta, Kolkata. Currently, he is Director General, ICMR, New Delhi. He was General President, Indian Science Congress Association for the year 2004-2005; acting Director, National Institute of Biologicals; acting Director, PGI, Chandigarh. Prof.Ganguly has published 694 papers and guided 138 Ph.D theses. His major research areas have been tropical diseases, cardiovascular diseases and diarrhoeal diseases. His area of specialization is infection and his interest in this area ranges from immunology, biotechnology and public health.

He was the President of National Academy of Medical Sciences, New Delhi and President, Asian Society of Diarrhoeal Diseases and Nutrition. He is Chairman, Lancefield International Society on Streptococci and Streptococcal Diseases; President, International Society of Health Research (Indian Chapter); President, Academy of Cardiovascular Sciences (Indian Chapter). Emeritus Professor, PGI, Chandigarh; Visiting Professor, Dr.B.R.Ambedkar Centre for Biomedical Research, Delhi; Professor of International Health, University of Minnesota, Minneapolis;

He has been Chair of WHO-SEARO Advisory Committee on Health Research for the last 4 terms. He is Vice-Chairman, Joint Coordinating Board for Special Programme for Research and Training in Tropical Diseases; Joint Indo-US Vaccine Action Programme, Joint Indo-US Maternal & Child Health; and Joint Indo-US STD/AIDS Working Board. He is member UNAIDS Vaccine Advisory Committee; Scientific Board Grand Challenges, Bill & Melinda Gates Foundation; National Advisory Council, ICRW Delhi; International Advisory Group, Fogarty International Centre, NIH, and Drugs for Neglected Diseases Core Group. He is Chairman, Research Council of CDRI, Lucknow and CCMB, Hyderabad. He is Chairman, Scientific Advisory Committee, Centre for DNA Fingerprinting and Diagnostics, Hyderabad; Tata Memorial Centre, Mumbai; Bose Institute, Kolkata and SGIPGMER, Lucknow. He is Governing Body member of 23 Indian institutes and Public Health Foundation of India.

He has won 90 awards. These include Norman Alpert Award, Goyal Prize; SN De Memorial Lecture Award of INSA; Dr.Y.SubbaRow Memorial Lecture; OP Bhasin Award; Ranbaxy Research Award; 5 ICMR awards; Prof. NS Dhalla Award for lifetime achievement in Cardiovascular Pharmacology; Rameshwardas Birla National Award; Excellence in Science and Technology of the Indian Science Congress Association.

Area of specialization: Microbiology

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#### Prof. B.K. Goyal, FAMS DTMH, MRCP, FRCP, FICP, FACC



Prof. B.K. Goyal is an internationally recognized cardiologist and medical educationist. He is practicing as a consultant cardiologist at Bombay since 1966. Prof. Goyal is the only cardiologist outside the United States to have the unique distinction of being appointed as the Hony. Consultant Cardiologist at the Texas Heart Institute, Houston.

Prof. Goyal is the Hony. Dean and Chief Cardiologist at the Bombay Hospital Institute of Medical Sciences and former Director-Professor of Cardiology of J. J. Group of Hospitals and Grant Medical College, Mumbai, which he served in an honorary capacity for 25 years. He is the Hony. Consultant to the Armed Forces of India, a visiting professor of cardiology at the University of Alabama in US and visiting cardiologist to the Oshner Heart Institute, New Orleans. The State Government honoured him by appointing him as Professor Emeritus of Cardiology for life. He is a member of the Executive Council and Senate of the University of Bombay and has served as member of the Central Council of Health and Family Welfare and National Council for blood transfusion. He was the hony. Chairman of the Haffkine Institute at Mumbai for fourteen years and under his stewardship the institute successfully developed indigenous polio Vaccine which was duly approved by the WHO.

In recognition of the public service rendered by him he was appointed as the Sheriff of Bombay in 1980. He is the recipient of many national and international awards and has also delivered several prestigious orations. He was the President of Cardiological Society of India, Association of Physicians of India, National Society for Prevention of Heart Disease and American College of Cardiology. He is the founder president of Heart Foundation of India and Indian College of Interventional Cardiology. He was conferred Purandare Award by the Indian Medical Association and Nadna International Award for his outstanding contribution in the field of cardiology, Recently, he has been appointed as Editor, Journal of American College of Cardiology, South East Asia Edition.

He has been awarded **Padma Shri**, **Padma Bhushan and Padma Vibhushan** by the President of India.

Area of specialization: Cardiology/Hospital Administration

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# Prof. Om Datt Gulati, FAMS MD, MS



Prof. Om Datt Gulati did his MBBS from Madras University, MD from Agra University and MS from University of Colorado, USA.

He was Asst. Prof. & Prof. Pharmacology & Dean, Medical College, Baroda 1954-85, Dean & Medical Director. Pramukhswami Medical College & Shree Krishna Hospital & Medical Res. Center, Karamsad 1985-93. He has published over 135 research papers in reputed national & international journals. He visited University of Colorado 1958-59 as TCM Fellow, University of Edinburgh 1967-68 as WHO Fellow & William S Hall Psychiatric Institute, Columbia SC as Teaching Research Scientist 1974-76. Delivered lectures at several National & International Conferences. He is a Member of IMA., Assoc. of Physiologists & Pharmacologists of India, British Pharmacological Society; Advisory Ed. Board, Autonomic Pharmacol, UK, Indian J Pharmacol. President, Indian Pharmacological Society 1984; Editor Indian J. Physiol Pharmacol.

Prof. Gulati is a Fellow and has served as Council Member of NAMS & Indian Pharmacological Society: He was awarded SS Bhatnagar Prize 1971; Shri Ram Gold Medal, NAMS 1973; Shri Amrut Modi Research Foundation Award 1978-80; BC Roy Award 1981; Uvnas Prize, Indian Pharmacological Society.

He was a member of Pharmaceutical & Drugs Committee CSIR; Bhatnagar Prize Award Committee CSIR; Hari Om Ashram Award Committee MCI, Project Review Committee ICMR; RAC & EC, Indian Institute of Chemical Biology, Kolkata.

Area of specialization: Pharmacology/ Autonomic nervous system

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#### Prof. J.S. Guleria, FAMS MD, DM (Card.), FCCP, FNCCP, FICP



Prof. J.S. Guleria after his MBBS and MD in general medicine from Amritsar Medical College, joined the then fledgling AIIMS in 1958. He obtained DM in cardiology from AIIMS in 1962. Prof. Guleria supported the development of AIIMS from its very formative years. He contributed significantly in the establishment of medical disciplines. He occupied various faculty positions, became Professor of Medicine in 1971 and later Head, Department of Medicine and Dean AIIMS.

After his retirement from AIIMS in 1987 he established the Department of Medicine in the newly started Delhi University College of Medical Sciences at Shahdra.

His contributions to advancing medical education in India and in third world countries are highly significant. His excellence as a teacher has been recognized by various national bodies. Medical Council of India conferred Dr. B.C. Roy National Award as "Eminent Teacher" in 1983; IMA appointed him National Professor in Medicine; AIIMS honoured him with "Most Popular Teacher" award in 1993.

WHO used his services as a consultant in medical education for assisting and developing undergraduate curricula in the countries of South East Asia Region. He has served as a visiting Professor and an examiner in both undergraduate and post-graduate degrees to various universities in India and abroad.

Professor Guleria is deeply committed to research activities. He along with other colleagues has made significant contributions in the understanding of problems of high altitude hypoxia, chronic obstructive lung disease, famine oedema of Bihar and haemodynamic changes in severe anaemia. Indian council of Medical Research selected him for M.N.Sen oration award for high altitude studies 1977, and Dr. P.N. Raju Oration Award 1983 for original research work in chronic chest diseases. He is also the recipient of Shri Om Prakash Bhasin foundation for Science and Technology Awards in the category of health and medical sciences 1990. He was a co-chairman and member of WHO South East-Asia Region committee for research for 4 years.

Prof. Guleria is a distinguished physician who practices scientific and holistic medicine. He has received awards, recognitions and orations from various professional bodies for his contribution to clinical medicine. He was awarded **Padma Shri** in 2003. Presently he is Sr. Consultant in Medicine at Sitaram Bhartia Institute of Science Research, New Delhi.

Area of specialization: Internal Medicine/Chest Diseases

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Prof. O.P. Gupta, FAMS MD, FRCP, FICA, FCCP (USA), MSEd.(California), FAIID, MRCP (Endo.)



Prof. O.P. Gupta is currently working as Emeritus Professor of Medicine, BJ Medical College, Ahmedabad. He has been Professor of Medicine, Dean and Director, Medical Education and Research, Government of Gujarat. He retired in 1988.

Formerly, Prof. Gupta also worked as Asstt. Professor of Medicine at All India Institute of Medical Sciences, New Delhi (1960), research fellow at the Royal PG Medical School, Hammersmith, London (1957-59) and at Joslin Diabetes Clinic, Boston, USA (1964).

He has been recipient of several awards including prestigious Dr. B.C. Roy award. He has worked as consultant, advisor and fellow to the World Health Organization and to Asian Development Bank, USAID, Ford Foundation and several national organizations. He has been closely associated with National Academy of Medical Sciences in several capacities, including as Vice President and Emeritus Professor. He has been the founder president of research society for study of diabetes in India (RSSDI) 1972, President of Diabetes Association of India, 1981 and RSSDI, 1998. He has been recipient of several gold medal and national awards, has published a large number of papers in national and international journals and contributed chapters in national and international books on diabetes. He has widely traveled and has presided over sessions of international diabetes conferences.

Dr. Gupta is also recipient of (1) SGP Moses oration and gold medal, Kochi, 2002; (2) Rashtriya Gaurav Award, India International Friendship Society, 2002; (3) Dr. Vasavda oration and gold medal, IMA 2003; (4) National Academy of Medical Sciences (India), KL Wig oration and gold medal, 2004; (5) contributed a chapter in national textbook of diabetes by RSSDI-2006 and (6) has been appointed as co-ordinator, noncommunicable disease cell, Govt. of Gujarat, 2006.

At present, Dr. Gupta is practicing as a consultant physician, diabetologist and endocrinologist at Ahmedabad. He is attached to several eminent hospitals and institutes there and is still engaged in academic activities.

Area of specialization: Medicine/Endocrinology and Diabetology/ Medical Education

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#### Dr. C.M. Habibullah, FAMS MD, DM, FACG, FNASc, DSc



Dr. C.M. Habibullah after graduating in 1958 obtained M.D in 1963 and DM (Gastroenterology) in 1972.

Dr. C.M. Habibullah worked as Professor and Head, Department of Gastroenterology, Osmania Medical College, Osmania General Hospital during 1975-1992, he was Principal, Osmania Medical College, Hyderabad from 1992 to 1994 and retired as Director of Medical Education, Government of Andhra Pradesh. Presently he is the Director of Deccan College of Medical Sciences and allied institutions.

He is Fellow of National Academy of Sciences, National Academy of Medical Sciences, and American College of Gasteroenterology. He is the Emeritus Professor of the National Academy of Medical Sciences and NTR University of Health Sciences, Vijayawada.

He has been awarded "Doctor of Science" by NTR University of Health Sciences (2003) and also been awarded **Padma Shri** by the Government of India in 2001. He was awarded "B.C. Roy award" for Medical Excellence and "Modi Unichem ICMR Award", in 1972. He is also been awarded "Kharazmi award" on Medical Research from President, Islamic Republic of Iran in 1996.

He has 130 publications in scientific Journals of National and International of repute and he has presented 205 papers at National and International Conferences and contributed chapters in seven books.

He is actively involved in projects with ICMR, Department of Science and Technology (DST), Department of Biochemistry (DBT) including Indo-US Vaccine Action Programme (VAP) scheme.

His scientific contributions include the study of various aspects of diseases of gastrointestinal tract and liver. His current studies are Cell Therapeutics in liver diseases, Hepatitis C and H.pylori studies.

Area of specialization: Gastroenterology

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#### Prof. S. Kameswaran, FAMS MS, DLO, PhD, D.Sc(Hons), FRCS (Edin), FRCS (Glasg), FACS, FICS.

Prof. S. Kameswaran is a senior highly qualified ENT surgeon. He obtained his MS, DLO from University of Madras, FRCS from Edinburgh and Glasgow Royal Colleges. He was awarded Ph.D. by M.K. University Madurai and D.Sc (Hons) by Dr. MGR Medical University Tamilnadu.

He was elected Emeritus Professor of the National Academy of Medical Sciences (India) besides being a corresponding member of the Royal Academy of Sciences, Belgium.

He is a fellow of the American College of Surgeons, Senior Vice President of the International College of Surgeons and has functioned as WHO short term consultant for the Republic Maldives. He had occupied during his service time the post of Director of Institute of ORL Madras Medical College, and later the post of director of PG Institute of Basic Medical Sciences of the University of Madras.

He had been the President of ENT Surgeons of India, Past President of Speech and Hearing Association of India, President of Acoustic Society of India, etc. He has been the recipient of National Award **Padma Shri** from President of India, Dr. B.C. Roy Award from the MCI, Basanti Devi Amirchand Award from ICMR, Dr. P.N. Chhuttani Oration Award from the National Academy of Medical Sciences, and Air Marshal Subroto Memorial Oration Award from the Aviation School, Bangalore.

He has published over 60 papers in the National and International journals and edited 2 books in ENT. At present he is Patron of Madras ENT Research Foundation, an outstanding ENT institute in this country.

Area of specialization: Otorhinolaryngology

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# Prof. B.M.L. Kapur, FAMS MS, FRCS



Prof. B.M.L. Kapur is presently Senior Consultant in G.I. Surgery and Cancer Surgery at Apollo, Holy Family and Sitaram Bhartia Hospitals.

He joined All India Institute of Medical Sciences, New Delhi in 1962 and took voluntary retirement in 1992. Prof Kapur is one of the senior surgeons of India specializing in Gastrointestinal and Cancer Surgery.

Prof. Kapur has got research, teaching and professional experience of nearly 50 years and has published 200 articles in national and international journals and has presented nearly 170 papers at national and international conferences, seminars, CME programmes. His research is in the field of gall stones diseases, pancreatitis, peritoneal adhesions, shock, wound infection, cold injury, and his expertise in surgery of obstructive jaundice, carcinoma breast and G.I. cancer has been recognized nationally and internationally.

Prof. Kapur has been honoured by many awards and orations including Dr. B.C. Roy National Award of MCI, Pandlai Oration of ASI, Glaxo Cancer Oration of ICMR, Lifetime Contribution of DMA. He has been the council member and President of many Professional Associations.

Area of specialization: Gastrointestinal Surgery

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# Prof. Narayana P. Kochupillai, FAMS MD, FASc, FNA



Prof. Narayana P. Kochupillai was born in Quilon, Kerala on 10<sup>th</sup> February 1939 and joined the MBBS programme of the AIIMS in 1958 and completed his MD in internal medicine from the same institution in 1966. He joined the faculty of the AIIMS, New Delhi as a lecturer in Medicine in 1970 and retired from the AIIMS as Prof. and Head, Department of Endocrinology and Metabolism in 2003.

He has 35 years of professional, teaching and research experience in Internal Medicine and Clinical Endocrinology and Metabolism. He has been a Clinical Consultant, Teacher and Researcher at the AIIMS, New Delhi for over 35 years. He worked as a Soloman A Berson fellow with Dr. Rosalyn S. Yalow, Nobel Laureate in Physiology and Medicine at the Mount Sinai Medical School during 1974-76. He has been the leading author of over 125 scientific papers published, national, international peer-reviewed journals. His scientific work has been cited in international science citation index for over 30 years. His original scientific discoveries resulted in new insights into the nature of several widely prevalent endocrine and metabolic disorders in India and other 3<sup>rd</sup> World countries, leading to adoption of successful preventive measures nationally and internationally to save millions from physical as well as mental disabilities and developmental disorders. He has provided expert tertiary care in the specialty of internal medicine as well as clinical endocrinology and metabolism to hundreds of thousands of people from all over India, Nepal, Bhutan as well as several parts of southern China for over 30 years. As a teacher he has trained over 40 super-specialists in clinical medicine, clinical endocrinology and metabolism as well as Biotechnology leading to the award of MD, MS, DM and PhD degrees by the AIIMS, thus contributing remarkably to speciality development in India.

The merit of his professional as well as scientific work and accomplishments has been recognized nationally and internationally as follows: Soloman A. Berson International fellowship, Shakuntala-Amir Chand Prize, Basanti Devi Amir Chand Prize, Majumdar Oration Award, Fellowship of the Indian National Science Academy (FNA), Annual Oration of the Endocrine Society of India, INSA-Royal Society International Exchange Fellowship, Srikantia Memorial Oration Award, Ranbaxy International Award for Clinical Research, President of the Endocrine Society of India, Guha Memorial Oration Award, B.C. Roy National Award, and the national honour of **Padma Shri.** 

Area of specialization: Endocrinology & Metabolism/Diabetes & Biotechnology

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# Prof. R.D. Lele, FAMS MBBS (OSM), DTN & H (Eng), FRCP (London).



Prof. R.D. Lele is at present Honorary Chief physician and Director of Nuclear Medicine, Jaslok Hospital & Research Center, Mumbai and Honorary Director of Nuclear Medicine, Lilavati Hospital & Research Center. He was the former Dean, Grant Medical College and Sir J.J. Group of Hospitals. He has been the first recipient of Gifted Teacher Award Instituted by the Association of Physicians of India.

He has a large number of innovations/new discoveries to his credit. These include Normal Pressure Hydrocephalus diagnosed by radionuclide cisternography; brain perfusion abnormalities in HIV patients long before clinical detection of AIDS dementia; Gallium-67 lung scanning to show that over 70% lung lesions in sputum + Pulm. TB disappear within 4 months of chemotherapy; pioneered the clinical use of radioimmunoassay; Nuclear Cardiology in India; SPECT of the heart and the brain; Nuclear Stethoscope.

He has been awarded Padmabhushan, Dhanvantari Award, Hon. D.Sc. (N.T.R. Univ of Health Sciences, AP), Netaji Oration API, Sarabhai Oration SNM, Homi Bhabha Oration SNM.

His areas of specialization are Molecular Medicine, Computers in Medicine, Comparative study of Ayurveda and Modern Medicine, with validation of ancient insights through modern technology.

Area of specialization: Nuclear Medicine/Molecular Medicine

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# Prof. K.G. Nair, FAMS MD, PhD, FACC, FICA (USA), FRSM (Lond.), FPCC, FASc, FISE, FIACS



Prof. K.G. Nair is an internationally recognized professor of Cardiology. He graduated in 1953 from the KEM Hospital, Mumbai with the highest marks in the University. Before he returned to India in 1970, he was an Asst. Professor of Cardiology, Harvard University, Associate Professor of Cardiology at the University of Chicago, and later, Prof. of Cardiology at the University of Pennsylvania Hospital. He is a pioneer in Molecular Cardiology having started his work on RNA polymerase activity in hypertrophying hearts as far back as 1962, and has a PhD in this subject from the University of Chicago (for his pioneering work on cyclic AMP phosphodiesterase in 1960). He has been the President of all major societies in India and a fellow of the American College of Cardiology, Royal Society of Medicine, European Society of Cardiology, the Philippine Society of Cardiology and the prestigious Indian Academy of Sciences. He has organized many international meetings in India and abroad. Recently, he was made a Fellow of the International Academy of Cardiovascular Research and awarded the Howard Morgan Prize for his research work. He has over 200 publications, including contributions to many text books, and has given numerous orations in India and abroad. He is recognized as a gifted teacher of Medicine and Cardiology, and for his contributions to molecular cardiology.

He had a wide administrative experience, first as the Professor and Director of Medicine at KEM Hospital where he was also the Director of Cardiology, Medical Director-Breach Candy Hospital; Chairman-Research Committee of Hinduja and Consultant In-Charge of the ICCU at Jaslok Hospital.

He is currently the Medical Director of the Holy Family Hospital, Mumbai. He is a Trustee of the Lady Tata Memorial Trust and the Dorabji Tata Trust and on the governing body of the Tata Memorial Hospital. Very recently Dr. K.G. Nair has been inducted on the Special Advisory Committee to the Prime Minister on Research and Health Matters.

Area of specialization: Cardiac Biochemistry/Molecular Biology

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Prof. J.N. Pande, FAMS MBBS, MD



Prof. J.N. Pande is the former Professor and Head, Department of Medicine, AIIMS, New Delhi and is at present senior Consultant in Medicine and Chest Diseases, Sita Ram Bhartiya Institute of Science and Research, New Delhi. His research interests are epidemiology and pathophysiology of common respiratory disorders including chronic obstructive lung disease and tuberculosis. His current research interests are sodium in hypertension, metabolic syndrome and NAFLD. He has published 170 papers in national and international journals. He has delivered many prestigious orations.

Area of specialization: Medicine and Chest Diseases

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# Prof. N. Rangabashyam, FAMS PhD, DSc (h.c.) FRCS (Eng, Edin and Gl), FRCP (Ed.), FAMS (S'pore), FACS



Prof. N. Rangabashyam is a pioneer in the field of Surgical Gastroenterology and Proctology. He has received wide acclaim for his expertise in the field of GI Surgery in India and abroad. An experienced academician, he has over 3 decades of teaching experience both at the undergraduate and post-graduate levels. He served as Former Head of the Department of Surgical Gastroenterology and Proctology and Clinical Professor of Surgery, Madras Medical College and Government General Hospital, Madras, and was responsible for setting up a department for the first time in India and M.Ch (Surgical Gastroenterology). He has been the President of the Association of Surgeons of India and Indian Society of Gastroenterology and now the President of the Ostomates India.

He has given several named orations including Sir Stanford Cade Lecture of RCS, London and Sir A.M. Ismail Oration of the Malaysian College of Surgeons. He received Dr. B.C. Roy National Award, Hari Om Ashram Award and Dr. R.V. Rajam Oration. He has written a book in Tamil for the public awareness programme periodically for the public and contributed articles in various text books of surgery including Oxford Text book of Surgery.

He has been an examiner to most of the Universities in India and the Royal College of Surgeons of Edinburgh, College of Surgeons, University of Khota Bharu, Malaysia, Kaban Sang, Nepal and Kuwait. He was convenor of the National Board of Examinations in the speciality of Gastroenterology and Member of the Council, National Academy of Medical Sciences. He was National Representative for the Edinburgh and Paris meetings of the Federation of Surgical Colleges. As a unique honour The Royal College of Physicians awarded the fellowship for a surgeon. He was elected as a fellow of the Association of Surgeons of Great Britain and Ireland and of the Academy of Sciences in India and Academy of Sciences, Singapore. He is a fellow of the James IV Association. He was awarded the coveted RCS Edinburgh Gold Medal. He has been conferred the D.Sc (h.c.) from Dr. M.G.R. Medical University. In June, he received the fellowship of the Royal College of Surgeons of England. His students trained by him are working as consultants all over India and abroad.

He delivered convocation address at the following places:-

Manipal Academy of Higher Education (A Deemed University), Manipal in 2002, Madras Medical College, Chennai, -2004, K.S. Hegde Medical Academy, Deralakatte, Mangalore, 2004, College of physicians and surgeons of Bombay, Mumbai, 2004. Elected as President of the International Hepato-Pancreato-Biliary Association-Indian Chapter. Recently he received the Gastroenterology Excellence Award for the year 2003-2004 in recognition of his contribution to Medical Education in particular to surgical gastroenterology. He is an adhoc committee member of the Medical Council of India.

Area of specialization: Surgery

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# Prof. S. Balaparameswara Rao, FAMS MBBS, MS (Surgery)



Prof. S. Balaparameswara Rao has been Prof. of Neurosurgery, Andhra Medical College, Prof. of Osmania Medical College, Prof. of Andhra Medical College, King George's Medical College and Professor of Neurosurgery, Osmania Medical College. He is an Emeritus Professor of Neurosurgery, Osmania Medical College and honorary Neurosurgeon, Nizam's Institute of Medical Sciences.

He has been the President of Neurological Society of India and has been conferred with Dr. B.C. Roy National Award and Distinguished Scientist award from A.P. Academy of Sciences. He has published more than 80 papers in national and international journals. He has been the examiner of neurosurgery in various universities and has delivered many prestigious orations. He is a member of various selection boards and expert committees.

Area of specialization: Neurosurgery

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# Prof. C.R.R.M. Reddy, FAMS MD, PhD, DSc, FASC.



Prof. C.R.R.M. Reddy had a brilliant academic career and obtained his MD (Pathology), Ph.D and DSc in Pathology from Andhra University.

He has to his credit 64 Publications in International and 187 papers in National Journals. His papers have been quoted in over 55 books and monographs.

He has won national awards like Sandoz Oration award of ICMR and Hari Om Ashram award of MCI.

At Kurnool where he worked for more than a decade his interest was on Dracontiasis, Hydatid Disease, Cardiomyopathies and cystic fibrosis of pancreas.

At Visakhapatnam where he worked until he became a Director of Medical Education, his interest was mainly on the habit of reverse smoking and its relation to carcinoma of palate. Extensive field and pathological studies showed the intimate relationship between the habit and cancer. Over 50 papers were published on this subject and the Andhra University awarded him a DSc in Pathology and also an Honorary DSc.

He retired as Director of Medical Education of A.P. Medical services. After retirement he worked in many corporate hospitals as Senior Consultant Pathologist.

Area of specialization: Pathology

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Prof. G.S. Sainani, FAMS MD, FRCP (Lond.), FRCP (Edin.), PhD, DSc, FACC (USA), FACP (USA), FCCP (USA), FRSM (Lond), FAIID, FIAMS, FMASc, FISE, FICP (Ind.), FIMSA, FICN, FICA (USA), FICC (Ind), FIACM, FGSI



Prof. G.S. Sainani is Emeritus Prof. for Life, Grant Medical College; Consultant, Jaslok Hospital and Armed Forces; Ex-Director, All India Heart Foundation; Ex-Director Professor of Medicine, Ex-Dean, Faculty of Medicine, Ex-Asst. Director, CCRIMH, Ex-Dean, ICP.

He has been the winner of merit scholarships, distinctions, awards. At the age of 32, he became Professor and Head; Visiting Professor of Cardiology, Chicago Medical School and other foreign/Indian Universities. He is the Recipient of 19 Awards viz. **Padma Shri**, Dr. B.C. Roy, Priyadarshni, IMA Academy Distinguished Services, 3 Lifetime Achievements, Hon. Brig. Rank, Sindhu Ratan Felicitation Award by Past students.

Dr. Sainani has delivered 24 Orations e.g. B.C. Roy, Netaji, Achanta Lakshmipathi, Austin Doyle, Pharmacia, etc. G.S. Sainani Oration held by API, IACM, GSI.

He was awarded Ph.D (1977) on basis of original research (garlic, onion and heart diseases); the work was quoted in international journals including Scientific American. He was awarded D.Sc (First person to get D.Sc (By Research) in faculty of Medicine from Pune (University) in the gracious presence of Bharat Ratna Dr. APJ Abdul Kalam.

Dr. Sainani has 550 publications. He is the author of -Primer of Cardiac Diagnosis, Editor-"Medical Therapeutics" & "Update in Medicine", Editor-in-Chief API Text Book of Medicine, Hypertension, Diabetes Mellitus, Emeritus Editor-JAPI, IJCP, Represented India as only invitee by WHO to International Congress of Editors of Medical Journals.

He is the Past President of several Associations, eg. API, CSI, Diab. Assoc. of India, RSSDI, HT Society of India, ICC, Asprin South Asia Foundation etc; Ex-Chairman World Congress of Clinical Nutrition; Ex-President-International Congress on "Directions in Cardiovascular advances; Ex-Member-API/Credential Committee, NAMS Council, Academic Committee AIIMS, AFMC, ICMR and MCI Expert Group. He has been an Invited guest speaker/chairman on many occasions. He was also Emeritus International Advisor-RCP London.

Area of specialization: Internal Medicine

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### Prof. C.P. Sawhney, FAMS MS



Prof. C.P. Sawhney did M.S. Surgery 1956, followed by training in plastic surgery at Pittsburgh School of Medicine 1964-65., joined PGI Chandigarh October 1962 and retired as Professor and Head and developed one of the best training programmes in plastic surgery, trained more than 70 plastic surgeons and created a Museum of plastic surgery at PGI for training. Awarded Peet Prize of APSI 1975 for best research paper, awarded and delivered many orations: Ethicon oration of Burns Association of India June 1989, Chennai; M.S. Verma Award/Oration of BHU, Varanasi 1994, Gillies Memorial Oration of APSI, 1987, Murari Mukherjee Oration 1995 and Sushruta Oration of APSI 2002 and Founders Oration of Association of Cleft Palate and Craniofacial Surgeons of India, 2004. He was the convenor of National Board of Plastic Surgery. He was elected the President of APSI, 1985 and organized conference of APSI, 1985, workshop on Burns 1987, 88 and CME programme in plastic surgery for general surgeons, 1989 at PGI, Chandigarh.

Dr. Sawhney was invited to be on teaching faculty for advanced course for plastic surgeons of UK by British Post Graduate Medical Federation 1982 Nottingham (UK), was visiting professor Stroke Mandiville Hospital Plastic and Jaw service Ayelsbury UK, was invited to be sole Indian representative and speaker at International Symposium on aesthetic aspects of Plastic Surgery in Non Caucasians Beijing, China 1986 and was a guest lecturer at International Conference organized by Sultanate Qaboos University Muscat Oman 1992.

He has been Chairman Academic Committee and Curriculum Committee of APSI and prepared a comprehensive 3 year Curriculum for MCh. Plastic Surgery Training.

He has presented more than 80 papers at National and 20 at International Conferences and published 63 papers in indexed journals, of which 28 were in international journals of repute. He has contributed invited articles in Clinics in Plastic Surgery and Recent Advances in Plastic Surgery 1995, published from USA on subject of "Burns Management".

Dr. Sawhney's original contributions include (1) first to popularize primary excision in burns in India as early as 1982, (2) innovated simple and effective designs for compression splints for post burn sequele (3) developed a rational approach to management of Lymphoedema (4) innovated design of flaps of forehead for reconstruction of subtotal loss of nose (5) rational approach to repair of unilateral cleft lip and primary correction of nasal deformity in cleft lips. Awarded life time achievement award Academy of Burns and API.

Area of specialization: Plastic Surgery

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# Prof. K.N. Sharma, FAMS MD, FASc, FNA



Prof. K.N. Sharma is an excellent teacher, a first rate research worker with globally acknowledged credentials, and a highly successful administrator who has effectively contributed to the planning and development of medical institutions and hospitals.

With over 200 original scientific papers, 8 monographs, and chapter contributions in important text books and internationally acknowledged publications to his credit, he is widely known for his outstanding research work. Original research contributions have been in the field of neurophysiology, behaviour and nutrition and have helped delineate fundamental concepts and their clinical significance in the fields of feeding behaviour and neural control systems, ecology of hunger and malnutrition, systems organization in homeostatic motivations, and spatio-temporal delineation of neuro-humoral events linked nociceptors, pain mechanisms and managements.

He has developed a method for chronic electrode implantation in peripheral nerves in freely moving animals and this is being successfully used the world over. The method has opened a new field of analyzing information transfer and has considerable applied and clinical significance particularly in the fields of sensory systems, emotions and visceral control.

With his teaching spanning over five decades both in India and abroad (USA, UK, Germany, Russia, Libya, Nepal), he has been actively involved in medical education (need based teaching-learning and assessment strategies), development of innovative teaching methods, and medical curriculum development in India (Univ. of Delhi, MCI, RGUHS, Bangalore Univ.) and abroad (Nepal, Libya).

He has been a recipient of several National and International Awards such as: ICMR Award, Amrut Mody National Award for Basic Medical Sciences, CSIR, Gen. S.L. Bhatia Oration, Anokhin Medal (USSR Academy of Medical Sciences), Sechenov Medal (USSR Academy of Science) in neurophysiology, Bicentenary Award (1<sup>st</sup> Moscow Medical Institute, USSR), Indian Science Congress Platinum Jubilee Oration, M.M. Basu and P.C. Mahalanobis Orations; Kamala B.K. Anand International Award in Neurosciences, 'Suprabal Dakshin Bahu' Civilian Award by Govt. of Nepal for outstanding contributions to medical education and research; Professor of International Health, University of Minnesota Medical School in recognition of valuable contributions to international Medical Education and Research; 6<sup>th</sup> National Institute of Mental Health Oration, Bangalore, Life time achievement Award, APPICON, JIPMER, Pondicherry, Academician of International Academy of Sciences (International Council of Scientific Development)

Area of specialization: Neurophysiology

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#### Prof. Shridhar Sharma, FAMS MD, DPM, FRC (Psy.), FRANZCP (Australia), FAPA (USA).



Prof. Shridhar Sharma is currently an Emeritus Professor, National Academy of Medical Sciences and also an Emeritus Professor at the Institute of Human Behaviour and Allied Sciences, Delhi. He is a Hony. Member, World Psychiatry Association and a member of Polish Academy of Medical Sciences, Warsaw. He is past President of the World Association of Social Psychiatry, Indian Psychiatric Society, and Indian Association of Society Psychiatry. He is a member of the International Advisory Committee of WHO Collaborating Center of McGill Federation of Mental Health, USA and Secretary, Conflict Management Committee of the World Psychiatric Association and many other organizations in India. He received the B.C. Roy National Award in 1980, Dr. D.L.N. Murthy Rao Oration, awarded by the Indian Psychiatry Society in 1987. Lifetime achievement in the field of psychiatry in India, Platinum Jubilee oration of Indian Science Congress, and Dr. N.N. De oration in the field of Social Psychiatry in India and Gold Medal of Polish Academy of Medical Sciences, Dr. N.N. Murthy Gold Medal of Indian Medical Association.

He is the founder Director of the Institute of Human Behaviour and Allied Sciences, Government of Delhi and was earlier Additional Director General of Health Services in the Ministry of Health, Government of India and Director, Post Graduate Institute of Medical Education and Research, Chandigarh. He was also formerly, Hony. Physician to the President of India and was Hony. Consultant in Psychiatry to Ministry of Defence.

Has been invited by many Universities in USA, Canada, Japan and Europe as a visiting Professor/Lecturer and has been on International Scientific Committees of several International and World Congresses, Swedish Academy of Medical Sciences and NIMH and NIDA in USA. Was member of Indo-US Health Commission, Indo-Russian Science Commission and Indo-Japan Science Committee of Govt. of India. He has been invited by WHO and other ICAR and many Universities. His interest includes Medical education, Health Planning, Administrative Psychiatry and Social Psychiatry.

Has published 8 books/monographs and over 170 scientific papers.

Area of specialization: Psychiatry/Medical Education

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## Prof. Gurmohan Singh, FAMS MD



Since his postgraduation (M.D.) in Dermatology and Venereology from the AIIMS in 1962, Professor Singh has been actively involved in Academic Dermatology in India and Abroad. He has worked as Professor and Head, Department of Dermatology at Institute of Medical Sciences, Banaras Hindu University and in Arab Medical University in Libya. He had also been visiting professor to many Universities. Professor Singh has started M.D. course in Dermatology and Venereology in BHU and in Arab Medical University.

He is recognized for his research contributions in Dermatology. His major interests include bacteriology of skin, cutaneous pharmacology, tropical dermatology and psychocutaneous medicine. He has described a few new entities and hypothesized the pathogenesis in others. He has published nearly 200 papers in National and International journals. Many of his papers are cited in standard text books.

His research has brought him many laurels. He was the recipient of the first Castellani Reiss award for outstanding research in tropical dermatology in 1974 by the International Society of Dermatology. He has delivered many orations at the National conferences including the R.V. Rajam Oration by the National Academy of Medical Sciences. He was awarded Shakuntla Amir Chand prize by Indian Council of Medical Research in 1976 for the best young medical scientist of the year. He received Sir Shriram Memorial award from the National Academy of Medical Sciences in 1976 for best paper published in Microbiology in preceding 2 years.

Prof. Singh is acclaimed as an excellent teacher and has trained and mentored some of the leading dermatologists in the country.

Area of specialization: Dermatology & Venereology

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# Prof. K.K. Talwar, FAMS MD, DM (Card)



Prof. Kewal Krishan Talwar was Professor and Head, Department of Cardiology at the All India Institute of Medical Sciences, New Delhi before he assumed the office of the Director, Postgraduate Institute of Medical Education and Research, Chandigarh in 2004.

Born on 30<sup>th</sup> April 1946 at Ludhiana, he did his MBBS from Punjabi University, Patiala and pursued MD (Medicine) and DM (Cardiology) from PGIMER, Chandigarh. His significant contributions to the speciality of Cardiology are noteworthy. He was the first in the country to initiate the techniques of Radiofrequency Ablation to cure arrhythmic disorders and to introduce the therapy of automatic implantable Cardioverter and Defibrillator (ICD) in 1995. This achievement fetched him a place in LIMCA Book of World Records (1997). He was again the first to implant the multisite pacing system (2000) as a therapy for heart failure. He established the techniques of Endomyocardial Biopsy in 1986 to evaluate patients with tropical heart muscle diseases to understand the pathogenesis and he also documented the occurrence of inflammatory myocarditis in patients with Takayasu Arteritis resulting in heart failure. He has more than 200 articles and 270 abstracts to his credit which have been published in peer-reviewed national and international journals.

For his distinguished service in the field of Medicine, he has been conferred the prestigious **Padma Bhushan** award by the President of India for the year 2006.

In recognition of his significant contribution in the field of Cardiology, he has received many honours and recognitions. He is on the Editorial Boards of prestigious international journals (European Journal of Heart Failure and American Journal of Cardiovascular Drugs and Devices) and is a member of Scientific Council on Cardiomyopathies of World Heart Federation (WHF). He is a Fellow of Indian National Science Academy (INSA), National Academy of Medical Sciences (NAMS) and International Academy of Cardiovascular Sciences. He is the recipient of various prestigious awards from the National Bodies including Dr. B.C. Roy National Award, Basanti Devi Amir Chand Award (ICMR-2003) and Amrut Mody Unichem Award (ICMR-1993), Ranbaxy Research Award Prize, Norman Alpert Award by International Academy of Cardiovascular Sciences, Prof. Sujoy B. Roy Memorial Investigator Award (CSI-1986), Shyam Lal Saksena Award (NAMS-1988), Seale Award (CSI-1987). He is also recipient of various prestigious orations viz Dr. K.L. Wig Oration, Sphere Oration, Glaxo Oration, Dr. Devi Chand Memorial Oration, R.S. Tiwari Oration, Dr. R.N. Chatterjee Memorial Oration, Dr. Austin Doyle Memorial Lecture and IMA Dr. Menda Oration. He is a member of the Institute Body of the All India Institute of Medical Sciences, Sree Chitra Tirunal Institute of Medical Sciences, Thiruvananthapuram, Governing Body of ICMR and is currently the Dean, Faculty of Medical Sciences of Punjab University, Chandigarh.

Area of specialization: Cardiology

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#### Prof. P.N. Tandon, FAMS MS, FRCS, DSc (h.c.), FNA, FNASc, FASc, FTWAS



Prof. P.N. Tandon, born on 13.08.1928, received his medical education at K.G. Medical College, Lucknow. He was trained in Neurosurgery at Ulleval Hospital Oslo, Norway and Montreal Neurological Institute, Montreal, Canada. After returning to India he first started a Neurosurgical Unit at his Alma Mater and then moved to the All India Institute of Medical Sciences, New Delhi as the founder Professor of the Department of Neurosurgery. Under his leadership, the department grew into a full-fledged Neurosciences Centre.

Professor Tandon's research interests were focused on neurological and neurosurgical disorders of relevance to the country. These included contributions on brain injuries infections and tumors. He published more than 250 scientific papers, a number of books and monographs.

Prof. Tandon is a fellow of the three science academies of the country and also of the National Academy of Medical Sciences and the National Academy of Neurosciences. He is a fellow of the Norwegian Academy of Science, Royal Society of Medicine, England, the Third World Academy of Science. He was President of the Indian National Science Academy and National Academy of Sciences, India. He is a recipient of a large number of awards including BC Roy Award, Jawaharlal Nehru Fellowship, Bhatnagar Fellowship, Meghnad Saha Fellowship. He has been awarded **Padma Shri**, **Padma Bhushan**, and **Padma Vibhushan** by the President of India.

Area of specialization: Neurosurgery

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Prof. S.P.S. Teotia, FAMS MD, PhD (Lon), FRIC (Lon), DSc(LGU-Hon.), FICP, FICN, FISFR (USA), DPH (Japan)



Prof. Teotia obtained MD from KG Medical College, Lucknow. He thereafter specialized in human metabolism and endocrinology at University College Hospital Medical School, University of London and later at Harvard Medical School, USA. He started his career as a lecturer and established the metabolic unit in the Dept. of medicine K.G. Medical College, Lucknow. In 1970 he, as the founder Professor, Head and Chief Consultant Endocrinologist, established the first independent postgraduate department of the superspeciality of human metabolism and endocrinology and the advanced division for bone, mineral and stone research in India (Asia) at LLRM medical college Meerut, which in a short span acquired the status of a highly recognized National and International center. He relinquished his post after 25 years of distinguished service and was honored to join as Emeritus medical scientist of ICMR, and as consultant/advisor in endocrinology to Armed Forces Medical Services, Govt. of India. Currently he is consultant endocrinologist in Sri Sathya General Hospital and visiting consultant for Sri Sathya Sai Institute of Higher Medical Sciences, Bangalore; Member WHO advisory Committee on Trace Elements Research, Geneva; Director National Foundation of metabolic bone and stone disease; Visiting Scientist of China, Japan and Poland on fluorosis control.

Prof. S.P.S. Teotia has 42 years of teaching experience, has worked on 114 research projects; Published 325 research papers, 22 monograms, 3 books and contributed 68 chapters to books eliciting more than 11,000 citations. He has several new discoveries to his credit including Transplacental transport of fluoride, Skeletal fluorosis in newborns and children, Hyperparathyoidism in fluorosis, Bone histomorphometry, Tertiary hyperparathyroidism, Idiopathic Juvenile Osteoporosis, Anticonvulsant rickets, Inhibitors of Crystallisation in kidney stones, Genetic bone dysplasias (Handigodu disease), Control of endemic fluorosis and disorders of calcium and bone metabolism and published updated National epidemiological maps for fluorosis, goiter stone and bone diseases.

He has been conferred **Padma Shri**, awarded BC Roy and Hari Om Ashram (MCI), applied research (ICMR), visiting Scientist (UGC), PN Shah (Endo Soc), George Corelho and distinguished professor (API); Rabindra Nath Tagore, PN Malhotra and CME orations (API), Presidential, MMS Ahuja, CE Dent and CME Orations of National Societies. He has been honoured with several international awards: WHO visiting professor and scientist (USA, Japan, China and West Indies); calcium and bone research (European society of Osteoarthrology, Universities of Okahama and Osaka, USSR medical academy, IDRC Canada and Welcome trust, London). He has been invited as examiner for MRCP, UK and has been invited to many universities and research centers abroad to deliver orations on his research work.

Area of specialization: Endocrinology

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#### Prof. A. Venugopal, FAMS MS, FACS, FICS, FTNASC, DSC (Hon)



Prof. A. Venugopal is a Surgeon par excellence, medical teacher of repute, a fine orator, a compassionate examiner and a medical writer. A gentleman to the core he has brought great credit to the profession both in India and abroad.

He graduated in Medicine in 1940 and completed his PG Course in General Surgery in 1945 from Madras Medical College. He joined as Hony. Civil Surgeon in 1952 at Madras Medical College and General Hospital. He became Professor of Clinical Surgery at MMC in 1955 and in 1965 he became Professor and Head of the Dept. of Urology. In 1975, he was appointed as the first Hony. Director of the Postgraduate Institute of Basic Medical Sciences of the University of Madras.

He had strived hard to establish the first ever Urology Department in this country which has served as a model for teaching and training in Urology. He had set a good standard for Medical Education both as a Chairman of Board of Studies of several Universities in India. His text books on "Pre-operative and post-operative care of surgical patients" and his contributions to Lal and Menon's Textbook of Surgery, A.L.Mudaliar & M.K.K. Menon's "Obstetrics and Gynecology", K.N.Rao's text book on "Tuberculosis" are marked for their clarity of exposition.

He served on the Academic Council and Syndicates of the Universities of Madras, Bharathiar and other such bodies. After his retirement the Government has been utilizing his services on various occasions.

As the Chairman of the Committee to draft proposals for University of Health Sciences, Dr. Venugopal did yeoman service and his committee's proposals were accepted in toto by the Late Chief Minister Dr. M.G.Ramachandran and this resulted in the establishment of the Dr. MGR Medical University. Dr. A Venugopal has also evinced a keen interest in the growth of medical profession and has been closely connected with various professional bodies, having held important positions in the Association of Surgeons in India as a Secretary for a record period of 25 years and subsequently as its President in 1979, the Medical Council of India and Urological Society of India.

Recognizing his meritorious services to the cause of Medical education, the Tamil Nadu Dr. M. G. R.Medical University has conferred on him the Degree of Doctor of Science (h.c.) in 1993. He was also conferred the Lifetime Achievement Award of the National Academy of Medical Sciences (India) in 2006.

Area of specialization: Surgery

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# Prof. S.N. Wadhwa, FAMS MS, MCh (Urology)



Prof. S.N. Wadhwa is presently Chairman, Department of Urology Sir Ganga Ram Hospital, New Delhi. After passing MS (Gen. Surgery) in 1964 from AIIMS he worked as Surgical Registrar in G.B. Pant and Irwin Hospitals, New Delhi. He then served Army Medical Corps as Surgical Specialist in the rank of Captain for over four years after which he returned to AIIMS to pursue MCh (Urology). He joined the AIIMS Faculty as Assistant Professor in March 1972, became Associate Professor in 1980 and took over as Professor and Head in June 1988 and served till his superannuation.

He has been an examiner in MCh and DNB urology all over the country. He has been a visiting Professor to Universities in Afghanistan, USA, Budapest, North Korea and Nepal, besides his visits to centers in Germany and as Commonwealth Medical Fellow at The London Hospital, London, U.K.. He has to his credit over 200 publications in International and National journals and twenty chapters in books. He had opportunities of close interactions with ICMR, NAMS, CSIR, National Institute of Immunology, DGHS, Drug Controller of India, UPSC, Deptt. of Electronics, IIT'S, among many others. He has been a WHO Consultant in Pyong-yang, North Korea in 1991 for development of Endo-Urology & ESWL.

He is member of many professional societies and held various elected positions. Among these, he has been President of Urological Society of India, Urolithiasis Society of India, Indian Endoscopic Society, North Zone Chapter of USI, Delhi Chapter of Association of Surgeons of India. He has been Senior Vice President of IMA - South Delhi Branch. He is also a life member of Association of Surgeons of India, Indian Society of Oncology, Indian Society of Andrology, Indian Society of Geriatrics, Indian Society of Lasers, IMA and DMA, India, World Academy of Spiritual Sciences (WASS) among others. He is an active member of Endo-Urology, ESWL-International, Societe' Internationale d' Urologie (SIU), Asian Association of Urology. He has delivered a number of prestigious orations: Shurvir lecture of RNT Medical College Udaipur, Prof. S.C. Mishra oration of KGMC Lucknow, PN Kataria oration of USI-NZ Chapter, Dr. T.J. Aggarwal oration of ASI, Delhi Chapter, Marudhara oration, Dr. Himadri Sarkar memorial oration of Urological Society of India. He has keenly pursued research in Genito Urinary Tuberculosis, Urinary Tract Infections, Urinary Stone disease, including an ICMR trial on Indigenous drugs, Enlarged Prostate (BPH), Cancers of Prostate, Bladder and Kidneys, Urethral Stricture disease, Erectile Dysfunction, Molecular Biology of BPH and Carcinoma Prostate. He has been keenly involved in educating the public at large in health matters concerning Genito-Urinary diseases. He has delivered AIIMS public lecture on Urinary Stone disease, and over 30 talks on various topics on AIR and Doordarshan.

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Prof. N.H. Wadia is the Director, Department of Neurology, Director of Research Jaslok Hospital and Research Center and Consultant Neurologist at the JJ Group of Hospitals, Grant Medical College. His research contributions include manganese intoxication in Indian miners, Myelopathy of Congenital Atlanto axial dislocation (CAAD), Nutritional disorders of the nervous system, Hereditary spino-cerebellar ataxias, Myelo radiculopathy complicating spinal meningitis, and neurocysticerosis. The high prevalence of CAAD in India, the identification of autosomal dominant spinocerebellar ataxia SCA2 and enterovirus 70 diseases are some of the highlights of his research. He published a book entitled "Neurological Practice: An Indian Perspective" which covers neurological literature by Indian Neurologists pointing out variable presentation and prevalence of neurological diseases in India as compared with the West, rounding off years of clinical practice, teaching and research experience.

He has delivered many prestigious Orations such as Chandy Oration, Sarabhai Oration, Baldev Singh Oration. He was awarded DSc (Honoris Causa) by the Banaras Hindu University and is the recipient of Rameshwardas Birla National Award for an outstanding practicing clinician in modern medicine.

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