

# National Academy of Medical Sciences (India)

## Directory of Emeritus Professors



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## 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 ([www.nams-india.in](http://www.nams-india.in)). 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.

A handwritten signature in black ink, appearing to read 'J.S. Bajaj', written over a horizontal line.

(Prof. J.S. Bajaj )  
Chairman – Academic Committee

## **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.), Hon. DSc (CSM Med. Univ., Lucknow,  
Presently King George's Medical University).**



**Former Professor & Head, Department of Medicine, All-India Institute of Medical Sciences, New Delhi;  
Chairman, Academic Committee & Member, Governing Body and Institute Body, All-India Institute of  
Medical Sciences (1994-99).**

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 delivery and medical education. He made significant contributions to health planning and development of medical education as Vice-Chairman (*Cabinet Rank*), State Planning Board, Punjab (2007-2010). 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, for international Medical Science and Health care achievements, Dhanwantri National Award, the Gifted Teacher Award of Association of Physicians of India and Master Teacher scroll of honour of Indian College of Physicians. In recognition of his outstanding contributions, he was awarded **Padma Shri** in 1981 and **Padma Bhushan** in 1982. The citation at the award of **Padma Vibhushan** in 2009 by the President of India stated : "***A distinguished physician and internationally renowned biomedical scientist, Prof. Bajaj is widely recognized for his outstanding contribution to health policy planning, medical education, and applied research in endocrinology and metabolic medicine***".

Achanta Lakshmi pathi Oration (NAMS, 1983-84), Academy Oration (NAMS, 1993-94); Dr.V.R. Khanolkar Oration (NAMS, 1998-99); Dr. B.K. Anand Oration (NAMS, 2004-2005); Emeritus Professor, Emeritus President, Emeritus Editor, NAMS; Patron, National Academy of Medical Sciences.

Convocation Address delivered at the 137th Convocation of the University of Madras (1995); Convocation Address delivered at the Tamil Nadu Dr. MGR Medical University, Madras (1993).

Padma Shri (1981); Padma Bhushan (1982); Padma Vibhushan (2009); Dr. B.C. Roy National Award in the category of Eminent Medical Man (1992); Gifted Teacher Award, API (2006); Leader, Indian ' Delegation at the 46th World Health Assembly, Geneva (1993); Banting Oration (1971); Netaji Oration (1982); Kenyatta Oration (1982); Dr. P.N. Shah Memorial Oration (1986); Dr. Lakshmanaswami Mudaliar Centenary Oration (1986); ShinonogiLilly Lecture (1987); Hodgkin-Sanger Oration; JRD Tata Oration; Taro Takemi Memorial Oration; Radhkrishnan Memorial Lecture; Sir Edward Mellanby Memorial Lecture; Sir Alister McIntyre Distinguished Award Lecture, Kingston, Jamaica; Masaji Takeda ,Medal for Medical Science and Health Care achievements, Japan; Ibrahim Memorial Oration (2009), Dhaka; Dhanwantri National Award; Honorary. Physician to the President of India (1977-82 and 1987-92); President, International Diabetes Federation (1985-88); Elected Honorary President for life, International Diabetes Federation (1988); President, Diabetic Association of India, (1987-96); Honorary President, Diabetic Association of India, (1996-todate); . Honorary Adviser in Medical Education, Ministry of Health and Family Welfare, Govt. of India (1986-91); President, Indian Association for the Advancement of Medical Education (1987 - todate); Chairman, Consultative Group on National Education Policy in Health Sciences (1991-92); Chairman, Medicine and Allied Specialties, NBE (1988); President, National Board of Examination (1994-97); Member, Executive Council, World Federation for Medical Education (1988-2003); President, South East Asia Regional Association for Medical Education (1988-2003); Member, Advisory Editorial Board, ' Diabetes Research and Clinical Practice (1988-todate); Chairman, Clinical Review Group, Indian Council of Medical Research (1982-85).

Member, Planning Commission, Government of India (1991-1998); Patron, Bangladesh Diabetic Association (2006); Vice Chairman (Cabinet Rank), Punjab State Planning Board (2007-2010); Chairman, Working Group on Tertiary Care institutions for the Formulation of the Twelfth Five Year Plan (2012-2017); Member, Steering Committee on Health for the Twelfth Five Year Plan (2012 - 2017).

He has delivered Convocation Addresses at several Universities in India and has been a Visiting Professor and delivered lectures at leading institutions in UK, USA, South and Latin America, Middle East, South-East Asia, Indonesia, Japan and Australia.

Professor Bajaj was the Chairman, Academic Committee & Member, Governing Body and Institute Body, AIIMS (1994-99). He also served as Chairman, Clinical Review Group, Indian Council of Medical Research (1982-85). 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 as the Chairman, Academic Council. 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. He continues to serve on the Editorial Board of several national and international journals.

***Area of specialization : Endocrinology & Diabetology and Metabolic Medicine / Medical Education***

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**Prof. Manorama Berry**  
**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. Two editions of Diagnostic radiology volumes on chest & cardiac imaging, Gastrointestinal & Hepatobiliary pancreatic imaging, Urogenital imaging, Musculoskeletal & Breast Imaging, Paediatric Imaging, Neuradiology including Head & neck Imaging were published from 1996 to 2005. 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 Lakshmi pathi Oration.

She has published 240 papers and 26 Chapters in the books in international and national journals.

**Area of specialization: Radiology & Imaging**

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***Prof. M.K. Bhan***  
***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 immune 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 Swarup 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. Mrs. C. Syamala Bhaskaran***  
***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, FICOG, FICMCH**



Prof. Rohit Bhatt served as Professor and Head of Obst. Gynec department at Medical College, Baroda from 1963 to 1984. He also worked as a superintendent of Shree Sayaji General Hospital for some time. Currently, he is the chief of Obst. Gynec Dept of Bhailal Amin General Hospital since 1984. Prof. Bhatt was elected as Fellow of National Academy of Medical Sciences in 1981. Dr. Bhatt was appointed Fellow of Indian College of Obst. Gynec in 1983 and of Indian College of Maternal and Child Health in 1979. Dr. Bhatt served as president in several national organizations like Federation of Obstetricians and Gynecologists of India (FOGSI), Indian Society of Perinatology and Reproductive Biology (ISOPARB) and National Association of Reproductive and Child Health (NARCHI). Dr. Bhatt was the vice-president of Asia Oceania Federation of Obstetrics and Gynecology (AOFOG). He was also the chairperson of the Safe Motherhood Committee of FOGSI and AOFOG. He organized several work-shops and seminars in India and overseas for promotion of maternal health. Dr. Bhatt is elected as Fellow of AOFOG since 1988. Currently, he is the editor in chief of Indian chapter of International Journal of Gynecology and Obstetrics (IJGO). Dr. Bhatt served as Hon. Lecturer of Obst. Gynec in University of Edinburgh, UK in 1965. He was WHO Fellow in Edinburgh in 1965. Dr. Bhatt served as Consultant to John Hopkins Program International in Gynecology and Obstetrics (JHPIGO). Dr. Bhatt served as consultant to WHO, The Population Council and Population Service International (PSI). Dr. Bhatt was the Director of Laparoscopic Training Center for John Hopkins University in 1979-82. Dr. Bhatt was invited as visiting professor at PGI, Chandigarh and RNT Medical college, Udaipur. Dr. Bhatt has received Life Time Achievement Award from FOGSI, NARCHI and Harvard Medical School. Dr. Bhatt served as a member of health division of 9<sup>th</sup>, Five year plan. Dr. Bhatt is the adviser in the project of Emergency Obstetric care (EmOC) implemented by FOGSI and supported by Government of India. Dr. Bhatt delivered Rajam Oration of NAMS. Dr. Bhatt is on the editorial board of many journals and invited as a guest speaker at many National and international conferences. He has written a book, "Know Your Peers" giving life stories of famous Obst. Gyn persons from India. He has also written chapters in several books and has more than 200 publications in scientific journals. Dr. Bhatt's main interests are maternal and prenatal health, population stabilization, contraception, pregnancy anemia and infertility.

***Area of Specialization; Obstetrics & Gynecology /Maternal & Child Health***

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***Air Marshal (Retd) Prof. M.S. Boparai, FAMS  
PHS, MS (Oph), 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 altitude ophthalmology under the aegies of Defence Research and Development Organization. He was on the board of high altitude 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 10 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. He was a member of the board of management of Baba Farid University of Health Sciences (Punjab).

***Area of specialization: Ophthalmology/Medical Education***

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**Prof. (Mrs.) Kamal Buckshee, FAMS**  
**MD, FRCOG (Ed) FICMCH, FICOG, FAFS, FICS**



Prof. (Mrs.) Kamal Buckshee is currently working as a senior consultant at Indraprastha Apollo Hospitals and Fortis La Femme. 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), NA WHO (Stockholm), on Feto Maternal Medicine and Reproductive Health, Indo Norwegian senior scientist award for training in IVF and ART. She has been awarded fellowship by Royal College of Obst. and Gynae (FRCOG ad eundem), Lifetime achievement award of the Federation Obstetrics and Gynaecological Society of India (FOCGSI) and Association of Obstetricians and Gynaecologists of Delhi (AOGD). A Living Legend title by Inter National Society of Gynaec Plastic Surgeons. The first “**Kamal Buckshee Oration**” was instituted by society of Fetel Medicine in 2014. 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 patients with Dysfunctional Uterine Bleeding. She also devised a novel method of terminating a pregnancy associated with a 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 over 200 publications. Her pursuit for newness in Obst.&Gynae, quality care, ethics and patient care 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 effectiveness 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 is a member of Board of Governors of the Medical Council of India.

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 Modi Award 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**  
**DcH (Royal College of Physicians, London), MRCP,**  
**PhD (UK), FRCP (Edin), FIAN**



Prof. J.S. Chopra was born in June, 1935 at Lahore (Now in Pakistan). Medical Graduate from Punjab University Chandigarh and Postgraduate Training in Medicine and Neurology from UK. He was Head Department of Neurology, Postgraduate Institute of Medical Education and Research Chandigarh (1968- 1995) and currently Emeritus Professor. In addition Emeritus Professor National Academy of Medical Sciences, India. He has a long administration experience and examinership of various institutions. He was member of expert at selection panels of various institutions and universities in India. Currently member ICMR Core Committees on Neurology etc.; Founder Director Principal Govt. Medical Collage 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. Awarded Padma Bhushan by the President of India in 2008, Vishist Chikitsa Gold Medal by Association of College of Chest Physician, Life Time Achievement Award in Neuro Sciences by Madras Neuro Trust, Award by Pan Arab Union of Neurological Societies and Emirates Medical Association, Award by Association of Indian Neurologists in America as mentoring neurology trainees and leadership in clinical neuroscience research in India, Punjab Rattan 2013, Chandigarh Rattan 2013.

Dr. Chopra's international recognitions include Guest Speaker/Visiting Professor at more than dozen institutions and universities abroad; 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 of WFN, 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.M. Gupta Oration Lucknow; Presidential Oration NSI; Presidential Oration IAN; Baldev Singh Oration Indian Academy of Neurology; Baldev Singh Oration National Academy of Medical Sciences; Baldev Singh Oration Neurological Society of India 2005; Dr. R.S. Allison Oration U.K.; 3<sup>rd</sup> K.M.C. Oration, Department of Neurology, Govt. Medical College, Kota 2010; Oration Sai Krishna Neurosciences Hospital Hyderabad, 2009; Chief Guest at Annual Convocation of Dayanand Medical College and Hospital, Ludiana 2010; Chief Guest Movement Disorders, Asian and Oceanian Conference, Ludiana 2009; Chairman Special Selection Committee Punjab, for selection of Medical specialists, Medical Officers, Dental Officer, Ayurvedic Medical Officers, Drug Inspectors for Deptt.. of Health and Family Welfare, Govt. of Punjab from 2008 to 2012; Senator Baba Farid University of Health Sciences, Faridkot, Punjab from 2009 2012. He was Secretary General XIVth World Congress of Neurology and 1<sup>st</sup> International Conference on Organization and Delivery of Neurological Services. His Biography in WHO'S WHO, from 1980 to 2015- 30 times. He has chaired scientific session at International Conferences from 1977 to 2015, at least 40 times. He has been Chief Guest or Guest of Honor 12 times from 2003-2014.

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 Chief 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 18 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. Kirpal S. Chugh, FAMS***  
**MD, FRCP (London), FACP (USA), D.Sc. (Pbi Uni.),**  
**D.Sc. (GNDU), FICP, FICA**



Prof Kirpal Singh Chugh is an Emeritus Professor of Nephrology & Former Chairman Dept. of Medicine and Professor & Head, Department of Nephrology, Postgraduate Institute of Medical Education and Research, Chandigarh.

Dr 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.

Dr Chugh is considered as the "**Father of Nephrology in India**". He has **published 413 papers including 38 chapters, in International and National Journals and Textbooks**. The Textbooks include Oxford Textbook of Medicine, Oxford Textbook of Clinical Nephrology, Textbook of Nephrology by Massary and Glasscock, Asian Nephrology, WHO Classification of Tropical Renal Disease, Oxford Clinical Nephrology Series and several others. He is **Editor of the book Asian Nephrology** (1994). Postgraduate Medicine (1992) and **Co-Editor of the WHO Book on Classification of Tropical Renal Disease**, Associate Editor of API Text Book of Medicine and Associate Editor of Text Book of Nephrology for the Asian Physician. He is on the **Editorial Board of several Journals** including Transplantation (USA), Clinical Journal of American Society of Nephrology (USA), "Nephrology" (Australia), International Journal of Artificial Internal Organs (USA), Renal Failure (USA), Kidney (USA) and Journal of National Academy of Medical Sciences. He has been the founding Editor of the Indian Journal of Nephrology and Associate Editor of Journal of Association of Physicians of India. He has contributed several invited editorials and articles in International Journals and Books.

He has been a recipient of 51 National & International Awards. These include **Bywaters Award** conferred by the International Society of Nephrology (2015), **Padma Shree Award (Republic Day Honor)**, **Hony. Fellowship of the Royal College of Physicians, London (FRCP, London)**, **Honorary Fellowship of the American College of Physicians (Honorary FACP)**, **D.Sc. (Honoris causa) Punjabi University (2010)**, **D.Sc. (Honoris causa) GNDU, Amritsar (2013)**, **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, **Master Teacher Award** by the Indian College of Physicians and the **Dhanvantri National Award** by the Dhanvantri Foundation of India. 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 Gen. Amir Chand Oration, Sir Shri Ram Memorial Oration and Glaxo Oration of 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 **Indian Council of Medical Research 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 Association of Physicians of India and B.L. Khullar Gold Medal by the Indian Society of Nephrology. Life Time Achievement Awards have been conferred on him by **Association of American Nephrologists of Indian Origin (ANIO)** at **Philadelphia** on November 2005, by **Indian Society of Nephrology** at Cochin in December 2005, by **Eastern Zone Chapter of the Indian Society of Nephrology** at Calcutta in September 2007 and by **International Hospitals** at Guwahati in April, 2013.

The International Society of Nephrology (ISN) with its headquarter based in Brussels, Belgium has included him amongst the 50 top nephrologists of the world who have made pioneering contributions and has made a video film on his life time work for inclusion in the World Nephrology Legacy Library. The video films and their transcripts have been put on the official website of the International Society of Nephrology <http://www.theisn.org/isn-video-legacy-project/dr-ks-chugh/itemid-473>

*Area of specialization: Nephrology*

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**Prof. T.D. Chugh, FAMS  
MD, FRCPath, FAAM**



Prof. T.D. Chugh during his long academic carrier has taught, trained and mentored undergraduate and postgraduate students both in India and abroad. He graduated and postgraduated 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 postgraduate 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 300 research papers in national and international Journals and made some landmark studies. Colicine production of *Klebsiella* was described on an autotransferable 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 adhesin 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 (2005), Professor K.L. Wig Oration (2005), Dr. S.C. Khandpur Oration (2009) and University Knowledge Oration in Pt. B.D. Sharma University of Health Sciences, Rohtak (2010). 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 has been invited to lecture in AIIMS, Jodhpur (2013, 2014), AIIMS, Raipur (2014), CSMM, Lucknow (2011) and various other universities and annual meetings of professional bodies.

He was Chairman & Senior Consultant Microbiology Laboratories, Dr. B.L. Kapur Memorial Hospital, Pusa Road, New Delhi (2007-12), Advisor, Communicable Diseases, ICMR, Headquarters, New Delhi and Medical Council of India. He is National Emeritus Professor of Microbiology (NAMS).

***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, NIHF, Neilgrihms and SGPGI). He has delivered many prestigious orations and has been bestowed with many honours. He has been Honorary Surgeon to Hon'ble President of India. He was awarded **Padma Shree** 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 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. He was conferred with Fellowship of Royal College of Physicians and Surgeons of Glasgow. Distinguished service award by the geriatric society of India. Was Honorary as the Past President of Association of Spine Surgeons of India.

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***  
***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***  
***MS, FRCS, D.Sc (h.c.)***



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 the trustee of “Parle Tilak Vidyalaya & PTV Institute of Management” and the trustee of “Marathi Vidnyan Parishad”. She is a member of the Academic Council of SNTD Women’s University. She was awarded D.Sc. (h.c.) from Lucknow University.

***Area of specialization: Paediatric Surgery***

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***Prof. Nirmal K Ganguly, FAMS***

***MD, DSc (h.c.), F Med Sic (Lond), FRC Path (Lond), FNA, FASc, FNASc, FTWAS (Italy), FIACS (Canada), FIMSA***



**Nirmal Kumar Ganguly, M.D** was formerly a Distinguished Biotechnology Research Professor, Department of Biotechnology, Government of India. He was formerly President of the Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), as well as that of the Asian Institute of Public Health, Bhubaneswar, Odisha. He is the former Director General, Indian Council of Medical Research (ICMR), New Delhi; former Director, PGIMER (Chandigarh); and former Director, National Institute of Biologicals (NOIDA).

Prof. Ganguly has published more than 775 research papers and has supervised 130 Ph.D theses as Supervisor/Co-Supervisor. His major areas of research have been Tropical Diseases, Cardiovascular Diseases and Diarrhoeal Diseases. His interest encompasses the disciplines of Immunology, Biotechnology and Public Health. Prof. Ganguly is Fellow, Imperial College Faculty of Medicine, London; Royal College of Pathologists, London; International Academy of Cardiovascular Sciences, Canada; Third World Academy of Sciences, Italy; and International Medical Sciences Academy, New Delhi. He is also Indian National Science Academy, New Delhi; National Academy of Sciences, Allahabad; and the Indian Academy of Sciences, Bangalore.

He is Member of the Advisory Group, Cholera Vaccine Investment Case Preparation, International Vaccine Institute, Seoul, South Korea. He is also Member, Global Access Advisory Committee, University of Western Ontario, Canada; Worldwide Anti-malarial Resistance Network (WWARN), Centre for Tropical Medicine, University of Oxford, U.K., and Asian AIDS Vaccine Network Task Force, WHO, Geneva, Switzerland. He is Member, Editorial Board of Molecular and Cellular Biochemistry, Institute of Cardiovascular Sciences, University of Manitoba, Canada. He is Advisory Board Member, Grand Challenges (Canada). He is President, The National Academy of Medical Sciences, New Delhi; The Asian Conference on Diarrhoeal Diseases and Nutrition (ASCODD), Yogyakarta, Indonesia. Prof. Ganguly is Honorary Global Health Research Fellow and Adjunct Professor, Boston University, USA. He is also an Adjunct Professor of Environmental Health, School of Public Health, University of Minnesota, USA. He is also a Member of the Scientific Board, Grand Challenges, Bill & Melinda Gates Foundation. He has been appointed chairman of Vallabhbbhai Patel Chest Institute-Stem Cell Committee. He is also advisor to Regional Director SEARO and is a member of Regional Task Force on Diseases Targeted for Elimination. He has been appointed as a member of Global Work Group of the Advisory Committee to the Director (ACD) of Center for Disease Control (CDC), Atlanta, USA.

In 2015 he has been selected for the award of Helmholtz International Fellow by Helmholtz Center for Infection Research, Germany for significant contribution to the field of infectious diseases. He has received 118 Awards, including 7 International and 111 National Awards.

**Academy**

He is Emeritus Professor, PGIMER, Chandigarh; Honorary Professor, Special Centre for Molecular Medicine (SCMM), Jawaharlal Nehru University, New Delhi; Honorary Global Health Research Fellow and Adjunct Professor at Boston University, USA; Adjunct Professor of Environment Health, School of Public Health, University of Minnesota, USA; Honorary Professor, JNCASR, Bangalore. He was formerly Visiting Professor, Dr. B.R.

Ambedkar Centre for Biomedical Research, Delhi. Professor of International Health, University of Minnesota, Minneapolis, USA; Guest Lecturer, S.N. Pradhan Centre for Neurosciences, Calcutta University, Kolkata; Honorary Doctor, Yerevan State Medical University, Armenia; Honorary Consultant/Adviser, Armed Force Medical Services Raksha Mantralaya.

He is Country Chairman (India), Global Antibiotic Resistance Partnership (GARP), USA. He is Chairman, Research Council of CDRI, Lucknow and Chairman, Scientific Advisory Committee, NCCS, Pune; IND Committee of Drug Controller General of India; Ethics Committee of PGIMER, Chandigarh and AIIMS, New Delhi. He is Co-chairman, Task Force of Biotech Regulatory Authority, Department of Biotechnology, Government of India.

He has been Chairman, WHO-SEARO Advisory Committee on Health Research for the last several years. WHO Scientific Working Group on Criteria for Setting Health Research Priorities, WHO SEARO, New Delhi and Co-Chairman, Global Alliance for Vaccines and Immunization (GAVI). Vice-Chairman, Joint Coordination Board (JCB), WHO/TDR; Indo-US Vaccine Action Programme. He was Chairman, Scientific Advisory Committee of CCMB, Hyderabad; CDFD, Hyderabad; Tata Memorial Centre, Mumbai; Bose Institute, Kolkata; and SGPGIMS, Lucknow.

He was a Member, Scientific Advisory Group of Neglected Diseases, WHO. WHO; Scientific and Technical Advisory Committee (STAC), WHO/TDR; Special Programme of Research, Development and Research Training in Human Reproduction; Foundation Council, Global Forum for Health Research, Geneva; UNAIDS Vaccine Advisory Committee; Scientific Board Grand Challenges, Bill & Melinda Gates Foundation; Board of Trustees, International Centre for Diarrhoeal Diseases Research, Bangladesh (ICDDR, B); National Advisory Council, International Centre for Research on Women (ICRW), Delhi; International Advisory Group (IAG), Fogarty International Centre (FIC), NIH, Bethesda, USA; Proto-Board and Working Group of World Bank; International Advisory Committee, Vaccine Research Centre, NIH, Bethesda, USA; Guideline Development Group in updating of the Technical Report on Rheumatic Fever and Rheumatic Heart Disease, WHO, Geneva.

Prof. Ganguly is Member, Governing Bodies of 27 Indian Institute and Public Health Foundation of India. He is President, The Asian Conference on Diarrhoeal Diseases and Nutrition (ASCODD), Yogyakarta, Indonesia; Member, Advisory Group, Cholera Vaccine Investment Case Preparation by the International Vaccine Institute, Seoul, South Korea, Vaccine Advisory Committee (IVAC) and Initiative for Vaccine Research, WHO; Eastern Mediterranean Advisory Committee on Health Research, WHO; Global Advisory Committee on Health Research, WHO; Strategic and Technical Advisory Group on Neglected Tropical Diseases, WHO; Expert Working Group on R&D and Financing, WHO; Asia Pacific Technical Advisory Group on Emerging Infectious Diseases, WHO; Regional Technical Advisory Group for the Kala-azar Elimination Programme, WHO; Expert Committee on Leishmaniasis Control Programme, WHO; Asian AIDS Vaccine Network Task Force, WHO, Geneva; Product Development Group Measles Aerosol Vaccine Project, WHO, Geneva; Meningitis Vaccine Project, WHO Geneva; Scientific Committee on Herd Immunity/Protection: An Important Indirect Benefit of Vaccination, London School of Hygiene & Tropical Medicine, London, UK; Global Access Advisory Committee, University of Western Ontario, Canada, Worldwide Antimalarial Resistance Network (WWARN), Centre for Tropical Medicine, University of Oxford, UK; GARP, USA; Global Vaccine Research Forum (GVRF), WHO, Geneva.

He has been Scientific Advisory Committee Member of various research institutes in India. He has participated as Temporary Advisor in more than 121 WHO meetings till date. He is also Chairman of various committees of Govt. of India like GM Food, Vitamin A,

Environmental Health etc.

He is Member of Molecular and Cellular Biochemistry Editorial Board, Institute of Cardiovascular Sciences, University of Manitoba, Canada.

He had been Chief Editor of PGIMER's Bulletin, and was Member, Editorial Board of various National and International Journals. He was Chairman, Editorial Board of IJMR and ICMR Bulletin. He is Member of the Editorial Board of the IJMR.

He has won 109 awards (International - 4; National – 105). International Awards: Norman Alpert Award, 2004; Medal of Merit, 2007 of International Academy of Cardiovascular Sciences, Canada; Annual Award, 2004 of International Spirit of Life Foundation, USA and Gaylord Anderson Memorial Lecture, 2006 of School of Public Health, University of Minnesota, Minneapolis, USA. National Awards: Notable awards include Prof. P.L. Wahi Oration (2011), Dr. Y.K. Gupta Oration (2010); S.C. Pal Memorial Oration (2010); Goyal Prize in the area of Applied Science (2002); 24<sup>th</sup> Rameshwardas Birla National Award, 2005 of the Rameshwardasji Birla Smarak Kosh; Om Prakash Bhasin Award in Health & Medical Sciences (1997), Ranbaxy Research Award (1996), FICCI Awards (1998-99), Excellence in Science and Technology, 2006 of ISCA; Shanti Swarup Bhatnagar Medal (2007); INSA's Shambu Nath De Memorial Lecture Award (1993); Dr.Yellapragada SubbaRow Memorial Lecture (1999); five ICMR awards; Prof. Niranjana S Dhalla Award for lifetime achievement in Cardiovascular Pharmacology of the Indian Pharmacology Society. He has delivered the Rama Robbins lecture (2008) jointly organized by Department of Biotechnology, Govt. of India and Department of Health & Human Services, USA; Lifetime Achievement Award for Lifelong Dedicated Service for the Suffering Humanity (2008), Eminent Scientist Award (2008) by Forum for Popularization of Science and Culture, Chandigarh.

He has been honoured with the prestigious **Padma Bhushan Award** by Her Excellency, the President of India on 26<sup>th</sup> January, 2008 in the field of "Medicine".

*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.

He has been mainly responsible for the establishment of Bombay Hospital Institute of Medical Sciences, a postgraduate medical institute imparting high grade medical education in various specialities and super-specialities. 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.

Recently, he was felicitated by Catholic Medical Centre, a group, of 17 teaching hospitals in New York, USA, as an exceptionally distinguished medical man who has contributed immensely to the growth of cardiology and medical education in US and India. He was among the nine distinguished Indians from different walks of life who were decorated with Scroll of Honour during 150<sup>th</sup> year celebrations of the University of Mumbai by President of India. Dr. Goyal was felicitated with Global Award for outstanding contribution in the field of Cardiology by Priyadarshni Academy. He was also the Vice-Chairman of Indian Red Cross Society Headquarters at Delhi for five years. He has been invited as the Member on the Editorial Board of the Catheterization and Cardiovascular Interventions (USA), an official Journal of The Society for Cardiovascular Angiography and Interventions.

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. J.S. Guleria***  
***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 Shahdara.

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 1997, 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 and Research, New Delhi.

Conferred “Lifetime achievement award in recognition of his outstanding contribution towards medicine and humanity” at the 42<sup>nd</sup> convocation of AIIMS on 20<sup>th</sup> October, 2014 by the Prime Minister of India.

***Area of specialization: Internal Medicine/Cardio respiratory***

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***Prof. O.P. Gupta***

***MD, MRCP (Endocrinology), FRCP (UK),  
MSEd.(California)***



Dr. Gupta had brilliant academic record. He was trained in endocrinology at Royal Postgraduate Medical School, Hammersmith, London and later in Joslin diabetes clinic, Boston ,U.S.A. He worked as assistant prof. of medicine at the All India Institute of Medical Sciences, New Delhi, prof. head of medicine and dean in B.J.Medical College, Ahmedabad, Director Medical Education and Health Services, Govt. of Gujarat. He also worked as adviser, fellow and consultant to World Health Organization in addition to consultant to UNFDA, Ford Foundation and USAID.

He is recipient of large number of awards including prestigious B.C.Roy award. In 2011 he has received life time achievement award for outstanding contribution in the field of research in obesity & diabetes, accredited by Harvard Medical School, Boston (U.S.A.), Emeritus Professor by National Academy of Medical Sciences, New Delhi and in September,12 Medical Science Award of Excellence from the American Biographical Institute, San Francisco, USA. **National Master Teacher Award** for outstanding contribution in Medical Education, API-2012 & 2015. He has published 53 research papers in national and international journals, contributed chapters in national and international books published in diabetes.

He is the founder president of Research Society for Study of Diabetes in India RSSDI (1972), its president, 1998, chief patron in 67<sup>th</sup> conf. 2009 and is patron of its National Executive Committee since 2010. Currently, he is practicing as consultant physician, diabetologist and endocrinologist at Ahmedabad.

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

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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 at present Emeritus Consultant of Malar Fortis Hospital, Adayan, Chennai and a Deputy Director of Medical College, Chennai.

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. The Madras Medical College celebrated its Platinum Jubilee-Lifetime Achievement award was presented. Dr. MGR Medical University also awarded the Lifetime Achievement Award.

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, Emeritus Consultant of Malar Fortis Hospitals, Adayan, Chennai and Deputy Director of Madras Medical College, Chennai.

***Area of specialization: Otorhinolaryngology***

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***Prof. B.M.L. Kapur,  
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, Indian Association of Surgical Gastroenterology, India Association of Surgical Oncology, Pancreatic Club of India. He was Honorary Advisory in cancer in the Ministry of Health GOI.

***Area of specialization :Gastrointestinal Surgery***

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***Prof. Narayana P. Kochupillai***  
***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 Solomon 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: Solomon 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**. He was awarded Sri Dhanwantari award by the Indian National Science Academy (2009).

***Area of specialization: Endocrinology & Metabolism/Diabetes & Biotechnology***

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***Prof. R.D. Lele***

**MBBS (OSM), DTM & H (Eng.), MRCP (Edinburgh),  
FRCP (London), Hon. D. Sc. Hon. D. Litt**



Prof. R. D. Lele is at present Emeritus Physician & Emeritus Director of Nuclear Medicine and PET CT at Jaslok Hospital & Research Centre and Honorary Director of Nuclear Medicine and RIA dept., Lilavati Hospital & Research Centre, Mumbai, Chairman, Scientific Advisory Committee, Haffkine Institute of Research, Training & Testing Mumbai.

He was the former Dean, Grant Medical College and Sir J. J. Group of Hospitals, Mumbai. He has been the first recipient of Gifted Teacher award instituted by the Association of Physicians of India.

He has been awarded Padma Bhushan Award, Homi Bhabha Life time achievement award, Hon. D Litt. (Chhattisgarh University) of Life Sciences, 28<sup>th</sup> December 2013. Hon. Degree of "Doctor of Science"- NTR University of Health Sciences, Netaji Oration API, Sarabhai Oration SNM, Homi Bhabha Oration SNM, Golden Jubilee oration of NAMS, Prof. M. Vishwanathan National award of Excellence in Medical teaching & Medical Care (2012). API Dr. V. Parameshwar Award for Excellence in Medicine 2014.

He has a large number of innovations / new discoveries to his credit. He has over 100 Scientific papers and 10 Single Author Books. 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 lesion 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 pioneered use of computers in Medicine & Medical Informatics. He was the first President of the Indian Society of Medical Informatics started in 1993.

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. His latest book is on Homeopathy & Modern Medicine (April 2015).

***Area of specialization: Nuclear Medicine/ Molecular Medicine, Computers in Medicine  
Mechanism based screening of Ayurvedic & Homeopathic drugs through receptor  
panning.***

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***Prof. J.N. Pande***  
***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. He was awarded Shri Om Prakash Bhasin Award for Health Sciences for the year 2010.

***Area of specialization: Medicine and Chest Diseases***

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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. Conferred Honorary DSc by NTR Health University on 18<sup>th</sup> February, 2008.

***Area of specialization: Neurosurgery***

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**Prof.(Hon. Brigadier) G.S. Sainani, FAMS**

**MD, FRCP (Lond.), FRCP (Edin.), Hon. FRACP (Aust), PhD (Poona), DSc, Hon. DLit (Muhs), FACC (USA), FACP (USA), FCCP (USA), FRSM (Lond), FAIID, FIAMS, FMASc, FISE, FICP (Ind.), FIMSA, FICN, FICA (USA), FICC (Ind), FIACM, FGSi (Ind), Hon. FISC, FCSI**



**Emeritus Director**, Dept of Medicine, Jaslok Hospital and Research Centre, Visiting Consultant, Saifee Hospital, Mumbai, Hon. Consultant Armed Forces (for life); Emeritus Prof of Medicine for Life, Grant Medical College & J J Hosp., Mumbai, Emeritus Prof. NAMS India; Emeritus International Advisor, Royal College of Physicians, London; Former Director, All India Heart Foundation, (19yrs) New Delhi; Former Director, Prof. of Medicine, BJ Medical College Pune where he received ICMR, CSIR and CCRIMH research grants and he was appointed as assistant director, CCRIMH when he did research along with Ayurvedic physicians; Former Dean, Faculty of Medicine, Pune University; Former Co-ordinator for global research on Geriatrics.

He has been the winner of merit scholarships, distinctions, awards. At young age of 32, he became Professor and Head, Dept of Medicine superseding his 2 teachers.

**Recipient of 33 awards** including **5 gifted teacher awards & 8 life time achievement awards** including **2 by President of India**, Dr. BC Roy as an eminent medical teacher, Maharashtra Govt. as meritorious teacher, Civic award as Distinguished citizen, Civic Honour Award as an outstanding teacher, Hon. Lt. Col. Rank (79) conferred by President of India, Priyadarshani Award, Master Teacher Award by API & ICP, Distinguished Services Award by IMA Academy of Medical specialties, The Best citizen of India Award, Padmashri Award, Sindhu Ratan Award, Millennium Achiever Award, Bharat Mata Award & Dr. Jivraj Mehta Award (2015) worth 1 lac rupees.

**Delivered 26 orations:** Dr. GD Apte, Dr. BC Roy, Dr. Bhalerao, Dr. JN Berry, Dr. JV Jirge, Smt. Umarani Banerjee, Dr. Chakravarti, Dr. UN Mehta, Dr. TVS Chalapati Rao, Dr. RK Menda, Dr. PK Sengupta, Dr. SL Bhatia, Dr. Achanta Lakshmi pathi, Dr. HN Khatri, Netaji, Dr. Menda Salaskar, Dr. JC Banerjee, Dr. Baliram Dube, IMA Ranbaxy, Dr. AD Joseph, Dr. Kirloskar, Dr. KS Shadakarshappa, Prof. Austin Doyle, Pharmacia, Prof. K Ramamoorthy, Prof. MMS Ahuja.

Dr. G S Sainani yearly oration has been instituted by Association of Physicians of India, Indian Assoc. of Clinical Medicine and Geriatric Society of India in recognition of services rendered to these associations.

He was awarded Ph.D on original research “Garlic & onion on atherosclerosis” (Experimental, clinical & epidemiological work in Jain community) is widely quoted including scientific American. His paper on garlic/onion & lipid profile in Jains is the only paper in the world literature so far.

Awarded D.Sc (medicine) on basis of his 30 years research approved by 3 external referees in the gracious presence of Bharat Ratna Dr. APJ Abdul Kalam. (First person to get D.Sc Medicine from Pune University), Conferred Hon. D.Lit by Maha Uni. Health Sciences (MUHS).

He was invited as visiting prof. to 10 foreign universities (Illinois, Montreal, Chicago, Rush, Health Sciences Uni. Chicago, Garyounis, (3 times), St. Vincent's Hospital, Melbourne Uni. (9 times), Wisconsin Med. School, Anaheim Medical Centre, St. Luke's Presbyterian Hospital, Chicago) and several Indian Universities. As visiting Prof. of cardiology at Chicago medical school and Mt. Sinai hospital (1½ yrs) he along with training in cardiology did path breaking research, presented and published 10 research papers and authored a book (A Primer of Cardiac Diagnosis) along with Prof. Luisada (USA publication in English & German). From USA he came to London for 1 year for training and research at Hammersmith and St. Mary's hospitals. At Hammersmith, he worked as locum registrar in place of Dr. David Warrell presently Editor of Oxford Text Book of Medicine and finally he worked as locum Sr. registrar in Cardiology at St. Mary's hospital. At both these hospitals, he taught MRCP students.

555 publications, Editor-in-chief of 8 medical books including API Text Book of Medicine, Author of 2 recent books "Manual of Clinical & Practical Medicine" (2010) & Clinical Cases and Pearls in Medicine (2015); Editor of 6 national journals of which two journals Jr of Applied Med (19yrs), JAPI (7yrs), made him All India Fame Editor. Even WHO selected JAPI to represent India and invited Dr. Sainani to participate in International congress of editors of medical journals in which 30 countries participated.

He is the Past President of 16 Associations, eg. API, CSI, Diab. Assoc. of India, RSSDI, HT Society of India, Indian Society of Hypertension, Indian College of Cardiology, Aspirin South Asia Foundation etc; Ex-Chairman World Congress of Clinical Nutrition; Ex-President International Congress on 'Directions in cardiovascular advances; Chairman, Intl. Cong of Geriatric Care; Chairman, Intl. Congress on CVD & World Cong. on Clinical Nutrition. Ex-member International Society of Hypertension, International Committee on Cardiomyopathies, Member Credential Committee-API, NAMS Council, Academic Committee & Institute body AIIMS, Academic Committee - AFMC, ICMR and MCI Expert Group.

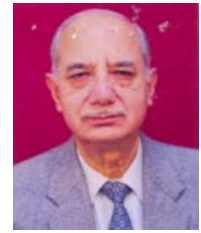
He has been invited as guest speaker/chairman by national/international conferences over 500 occasions including world congress of cardiology (6 times), Asian pacific congress of cardiology (6 times), International society of hypertension conference (3 times), World congress on clinical & preventive cardiology (7 times), Asia pacific congress of hypertension (2 times), World congress of International society of heart research (2 times), World congress on clinical nutrition (2 times), 7<sup>th</sup> Asian congress of nutrition, Beijing, American college of cardiology (2 times), International congress of Indian college of international cardiology (Athens) & World Congress of DM Melbourne 2013.

In lieu of his laudable services to Armed Forces, President of India decorated him with Hon. Brigadier Rank (2001). He has served as Hon physician to Governor (30 years) and President of India (5 years).

***Area of Specialization: Internal Medicine, Cardio-diabetology***

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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 acknowledge 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), Best Citizen of India Award (2007), Bharat Excellence Award (2008), American Order of Merit (2008), International Scientist of the Year 2008 (IBC, Cambridge, England), NAMS B.K. Anand Oration (2009), B.P. Koirala Oration, Nepal (2009), Inducted into Hall of Fame (ABI, America) for distinguished accomplishments in Medicine (2010), Great Minds of the 21<sup>st</sup> Century (University of Cambridge, 2010).

***Area of specialization: Neurophysiology***

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



Prof. Shridhar Sharma, Emeritus Professor, National Academy of Medical Sciences and Emeritus Professor at the Institute of Human Behaviour and Allied Sciences, Delhi. He is a Hony. Member, World Psychiatry Association, World Association of Positive Psychotherapy (Germany) and a member of Polish Academy of Medical Sciences, Warsaw. Currently he is a Board Member of World Federation of Mental Health and Senior Advisor to World Association of Social Psychiatry, is a Member of Advisory Board of the Ministry of Health, Govt. of Goa. He is past President of the World Association of Social Psychiatry, Indian Psychiatric Society and Indian Association of Society Psychiatry. He was a member of the International Advisory Committee of WHO Collaborating Center of McGill University, Canada and was Vice President World Federation of Mental Health, USA and Secretary, Conflict Management Committee of the World Psychiatric Association and associated with many other International organizations. 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 and was awarded MANSA Hospital, Gold Medal and Oration by Indian Psychiatry Society (A.P. Chapter).

He is the founder Director of the Institute of Human Behaviour and Allied Sciences, Government of Delhi, Institute of Psychiatry and Human Behaviour, Goa, was earlier Additional Director General of Health Services in the Ministry of Health, Government of India; Director, Postgraduate Institute of Medical Education and Research, Chandigarh. 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. Has been associated in Advisory positions to research projects of 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 Advisor and Consultant to WHO and ICMR and many Universities. His interest includes Medical education, Health Planning, Administrative Psychiatry, Social Psychiatry, Antarctica Research and Psychosomatic Medicine.

Has published 9 books/monographs and over 200 scientific papers.

***Area of specialization: Psychiatry/Medical Education***

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***Prof. Gurmohan Singh, FAMS***  
***MD, FRCP (Edin)***



Prof. Gurmohan Singh is the senior most dermatologist in the country having done his MD (Dermatology) from the first batch of AIIMS in 1962. He has been actively involved in Academic Dermatology having established the Department of Dermatology at Institute of Medical Sciences, Banaras Hindu University, Varanasi. He had also been instrumental in starting post graduate courses in the subject in Libya and Nepal.

He is recognized internationally for his research contributions in Dermatology. His major interests include bacteriology, cutaneous pharmacology, tropical dermatology including leprosy and psychocutaneous medicine. He has described new entities and hypothesized the pathogenesis in others which have become standard teaching. Many of his publications are cited in standard textbooks.

His research has brought him many laurels. He was the recipient of the first Castellani - Reiss award for outstanding research 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 two years.

His passion for teaching has seen him mentor many prominent dermatologists today. For his unstinting mentorship he was recognized as 'Teacher per Excellence' by the IADVL. The Indian Association of Leprologists conferred the Lifetime achievement award for his contribution to Leprosy.

The Royal College of Physicians of Edinburgh in recognition of vast contribution to dermatology has awarded him fellowship (FRCP) and have now appointed him Regional Overseas Advisor for North and Central India.

***Area of specialization: Dermatology & Venereology***

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***Prof. Kewal Krishan Talwar, FAMS***  
***MD, DM (Card), FNA, FACC, FIACS (Can), DSc(h.c.)***



Prof. Kewal Krishan Talwar was born on 30<sup>th</sup> April, 1946, in Payal, District Ludhiana (Punjab). After his schooling and college education at Payal and Jalandhar in Punjab, he did his MBBS from the Punjabi University, Patiala in 1969. He pursued MD (Medicine) and DM (Cardiology) from the Postgraduate Institute of Medical Education and Research, Chandigarh in the year 1973 and 1976 respectively. He received his advanced training in Electrophysiology as WHO Sr. Research Fellow from University of Gothenburg, Sweden.

He joined faculty of Medicine at PGIMER, Chandigarh in December 1977 and subsequently joined as Assistant Professor of Cardiology at AIIMS, New Delhi in 1980, promoted as Professor of Cardiology in 1992 and then took over as Head of the Department in 2002. In 2004, he joined as Director and Professor & Head, Department of Cardiology at the Postgraduate Institute of Medical Education and Research, Chandigarh.

**Achievements:** He established the section of electrophysiology in the department of Cardiology at AIIMS. He was the first in the country to establish the technique and facility of radiofrequency ablation at the AIIMS and also supported to establish these facilities at other centres in the country. He is again the first in India and South Asian region to introduce the therapy of automatic implantable cardioverter and defibrillator (ICD) in 1995 and this contribution is recorded in the LIMCA Book of Records (1997). In 2000, he introduced the techniques of multisite pacing system as a therapy for heart failure in the country. He also established the technique of Endomyocardial Biopsy (EMB) in 1986 at the AIIMS, New Delhi and used this technique to evaluate patients with tropical heart muscle diseases to understand the pathogenesis and to evaluate newer forms of therapy. For the first time in the world literature, he documented, using EMB, the occurrence of inflammatory myocarditis in patients with Takayasu Arteritis resulting in heart failure and demonstrated that this myocardial dysfunction is reversible with the use of immunosuppressive therapy. This work has been recognized at both national and international level. He was closely involved in the development of Heart Transplant Programme at AIIMS, New Delhi and is follow up of these patients including performing EMB to assess rejection phenomenon. He also published histomorphological analysis, using EMB, in restrictive cardiomyopathies, rheumatic Heart Disease and dilated cardiomyopathies. He has published more than 240 articles and 270 abstracts in both national and international journals of repute and has contributed chapters in various national and international books. He is recognized as one of the pioneers in the field of Electrophysiology, Pacemaker and Heart Failure.

**Awards and Honours/Orations:** Fellow of the National Academy of Medical Sciences (FAMS), Indian National Science Academy (FNA), Fellow, International Academy of Cardiovascular Sciences (FIACS) and American College of Cardiology (FACC), D.Sc. (honorary causa) by Dr. NTR University of Health Sciences, Vijaywada. He is the recipient of various prestigious awards – Dr. B.C. Roy National Award (2000) for eminent teacher, Basanti Devi Amir Chand Award (ICMR-2003), Norman Alpert Award by International Academy of Cardiovascular Sciences (2005), Ranbaxy Research Award (1997), Goyal Prize for Science from Kurukshetra University (2002).



He is also the recipient of various esteemed oration viz Dr. K.L. Wig Oration – NAMS (2000-2001), Indian Medical Association - Dr. Menda Oration (2005), R.S. Tiwari Oration (1999), Dr. R.N. Chatterjee Memorial Oration (2003), Prof. Raman Vishwanath – VPCI Oration, New Delhi (2007), Prof. P.S. Bidwai Memorial Oration – 2007 at SGPGIMS, Lucknow, Indian Doctors Forum – Kuwait Medical Association Oration, Kuwait (2007) and Dr. Ivan Pinto Oration, KEM Hospital, Mumbai (2008). Dr. J.P. Das Heart Failure Annual Oration – 2009 at the Annual Conference of Indian College of Cardiology, Lucknow, P.L. Wahi Oration-2010 at the 4<sup>th</sup> Global Conference on Recent Advances in Cardiovascular Sciences, New Delhi, First Innova Oration at the Annual Function of the Innova Children's Heart Hospital, Hyderabad, B.P. Koirala Oration at the B.P. Koirala Institute of Health Sciences-2010, Dharan, Nepal. He is the Patron of the Heart Rhythm Society of India and President of Heart Failure Society of India (2009-2012). He is Chairman of the Board of Governors/Society of National Institute of Technical Teachers' Training Institute (NITTTR), Chandigarh and President of the National Academy of Medical Sciences (NAMS 2009-12). He is member of Institute Body of the All India Institute of Medical Sciences, New Delhi, Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry, and Dean, Faculty of Medical Sciences of Panjab University, Chandigarh. In recognition of his significant contribution in the field of medicine, he has been awarded **Padma Bhushan** – third highest civilian award in the country by the President of India in the year 2006.

*Area of specialization: Cardiology*

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



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 Ullevål 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. He has been the Surgeon to the President of India and Member, Science Advisory Council to the Prime Minister.

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 Co-chaired Inter-Academy Panel of the World Sciences Academies. 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. He is currently National Research Professor.

***Area of specialization: Neurosurgery***

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***Prof. S.P.S. Teotia, FAMS***

***MD, PhD (Lon), FRIC (Lon), DSc (LGU-Hon.), DSc (Okay Univ –Hon),  
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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 Director, 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; WHO Visiting Scientist of China, Japan and Poland on fluorosis control.

Prof. S.P.S. Teotia has 42 years of teaching experience, has worked on 118 research projects; Published 385 research papers, 34 monographs, 6 books, 3 Atlases and contributed 72 chapters to books eliciting more than 16,080 citations in the world literature. He has several new discoveries to his credit including Transplacental transport of fluoride, Endemic skeletal fluorosis, Bone histomorphometry, Tertiary hyperparathyroidism, Idiopathic Juvenile Osteoporosis, Postmenopausal Osteoporosis, Anticonvulsant rickets, Inhibitors of Crystallisation in kidney stones, Genetic bone dysplasias (Handigodu disease), Hereditary and Inborn errors of metabolism, Endemic fluorosis and its prevention and treatment, Disorders of calcium and bone metabolism and published updated National epidemiological maps for fluorosis, goiter stone and bone diseases (Osteomalacia).

He has been conferred **Padam 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), Distinguished scientist (American biographic Institute), J.E. Purkyne (Czechoslovakia), USSR medical academy, IDRC Canada and Welcome trust, London). He has been invited as examiner for MRCP (London and Eden), Contributed 39 chapters to books, on 87 Editorial Boards of books and Journals and honoured with DSc (LGU UNIV-HON), DSc (OKAY UNIV-HON), and has been invited to many universities and research centers abroad to deliver orations on his research work. Dr. Teotia has published the First International Text book on Nutritional and Metabolic Bone and Stone Diseases: An Asian Perspective.

Dr. Teotia owes all his Achievements to the Blessings of Bhagawan Sri Sathya Sai Baba-The World Avatar.

*Area of specialization: Endocrinology*

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***Prof. S.N. Wadhwa***  
***MBBS, MS, (General Surgery), MCh (Urology)***



Prof. S.N. Wadhwa was the former Chairman, Department of Urology, Sir Ganga Ram Hospital, New Delhi, he is currently Senior Consultant and Advisor, Department of Urology, Institute of Renal Sciences, Sir Ganga Ram Hospital, New Delhi. The department organized yearly workshops and symposia on various subjects-TURP-different techniques, Operative Workshops and Course in Clinical Urodynamics, New Frontiers in UroOncology Prevention and Complications in Urological Surgery, Operative Workshop on Stress Urinary Incontinence. The DNB students received Gold Medal in 2011 and 2014. 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.

Prof. S.N. Wadhwa has been awarded with Oration Award and Life Achievement Award by the North Zone of USI in 2005-2006, DUSCON Gold Medal and Dr Surinder Man Singh Endowment Award for outstanding Organisational contribution to the Urological Society of India-North Zone in 2011. He has also been awarded with the Lifetime Achievement Award for outstanding services in the field of Urology by the Society for Urologists (Noida and Ghaziabad)in July 2015.

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, Age Care - 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.

*Area of specialization: Urology*

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**Prof. N.H. Wadia, FAMS**  
**MD, FRCP, FNA, FASc, FAMS, DSc (Hons.)**



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 neurocysticercosis. 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, SS Bhatnagar Oration of the Indian National Science Academy. 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 1999 and most recently he is the first recipient of the prestigious Gold medal of the World Federation of Neurology for Services to International Neurology. Lifetime Achievement award in Medical Excellence for pioneering and immense contributions in the specialty of Neurology (2002) from Harvard Medical International and Wockhardt Ltd., and World Federation of Neurology Medal for Service to International Neurology (2009). He is also a recipient of Shanti Swarup Bhatnagar Medal (2003) and the Shree Dhanwantari Prize (2006) of INSA.

***Area of specialization: Clinical Neurology***

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