

SEN PATHAK, Professor

Dr. Sen Pathak was born in the village of Surhampur, Azamgarh in the state of Uttar Pradesh, India in a humble farmer's family. After having his early education in his village, he joined the Banaras Hindu University and obtained his B.Sc. in Botany, Zoology, and Chemistry in 1961, M.Sc. in Zoology in 1963 (First class first, Gold Medalist) and Ph.D. in Mammalian Cytogenetics in 1967.

Dr. Pathak is very proud of the fact that all his graduate and post graduate studies were done in the oldest and holiest city of Varanasi, India. As per his father's wishes Dr. Pathak pursued his educational goals which brought him to Houston in 1970 as a Robert A. Welch Foundation Fellow. Dr. Pathak spent a little over a year in the Department of Pathology at Texas Children's Hospital and Baylor College of Medicine at that time.

In early 1972, he joined the most stimulating research group of Professor T.C. Hsu in the Department of Biology at M.D. Anderson Cancer Center. Dr. Pathak started there as a post-doctoral fellow, soon became a full Professor and eventually Chief of the Cellular Genetics Laboratory in the Department of Cancer Biology.

Dr. Pathak, a Fellow of the National Academy of Sciences of India, has served twice as Member of the National Research Council on the assessment of the standard of Doctoral Research Programs in US Universities and a member of the Scientific Board of the International Institute of Anticancer Research, Attiki, Greece. He has also served as a Professor of the Genetics Program at the Graduate School of Biomedical Sciences, the Health Science Center and the School of Health Professions, Professor of Medicine at Baylor College of Medicine, Senior Scientist (adjunct) in the Department of Genetics at Southwest Foundation for Biomedical Research (San Antonio).

He has been a visiting Professor of Genetics at the University of Sao Paulo, Faculty of Medicine at Ribeirao Preto, Brazil, and is currently a Lifetime Emeritus Professor of Cancer Biology and a Distinguished Professor of Genetics at M. D. Anderson Cancer Center. He is an internationally recognized scientist for his pioneering research work first on Mammalian Population Cytogenetics and lately, on human and other mammalian Cancer Genetics.

Dr. Pathak has received numerous honors and awards in the field of science including the prestigious Barbara B. Bowman Distinguished Geneticist Award for Outstanding Contributions to Genetics, the Carl B. and Florence E. King Foundation Award in the Biomedical Sciences, The University of Texas M.D. Anderson Cancer Center School of Health Professions Outstanding Faculty/Mentor Award, American Association of Indian Scientists in Cancer Research Outstanding Scientist Award, Lifetime Achievement Award as Professor Emeritus of Cancer Biology, and Banaras Hindu University Alumni Association of America Distinguished Alumni Award, just to name a few.

Dr. Pathak has also trained more than 35 doctoral, postdoctoral and visiting scholars from around the world. He has been serving as Reviewer, Member of the Editorial Board, Co-Editor and Associate Editor of more than 50 National and International Journals including Science, Nature, Cell, and Proceedings of the National academy of Sciences.

He has published at least 357 peer-reviewed articles for scientific journals and has contributed to more than 20 books, chapters, and review articles launching the careers of more than two dozen cancer scientists.