

Dr. AbulKalam M. Shamsuddin is Professor of Pathology at the University of Maryland, School of Medicine and President of IP-6 Research Inc (www.ip-6.net). Dr Shamsuddin graduated from Dhaka Medical College, University of Dhaka in 1972. Following Internship in Massachusetts and Residency training in pathology in Maryland, he was certified by the American Board of Pathology in 1977. In 1980, he received Ph.D. degree from the University of Maryland for his work on colon carcinogenesis. He joined the faculty of the University of Maryland as an Instructor in 1977, and rose through the ranks of Assistant Professor and Associate Professor with tenure to become a full Professor in 1988. For his excellence in teaching he received the Best Teacher award from the medical students many times, including the coveted "Golden Apple Award" by the American Medical Students' Association in 1999.

Dr. Shamsuddin has been studying the process of cancer formation and the prevention of cancer since 1975. His research in the steps of colon cancer formation resulted in the development of a very simple and accurate screening test for colon cancer. This rather inexpensive test detects cancers at a very early stage, and even before they have formed; in other words, it can also detect precancerous polyps and other precancerous lesions and conditions. The test has been in use in China since the early 1990's often referred to as "Shams' Test." He further discovered that the colon cancer marker Gal-GalNAc is a common cancer marker expressed through a similar "field-effect" phenomenon; thus forming the basis for a general cancer screening test such as for cancer of the lungs and breast, and possibly prostate and uterine cervix. His book on the subject "Diagnostic Assays for Colon Cancer" by CRC Press (1991) was written for health-care professionals.

In mid 1985, Dr. Shamsuddin started his pioneering experiments on the anti-cancer property of inositol and inositol hexaphosphate (IP-6) - natural constituents of cereals and legumes such as rice, corn, beans etc. For the next two decades, he has reconfirmed and expanded his groundbreaking studies to show the efficacy of IP-6 and inositol against different cancers in various experimental models. Realizing the enormous potential for health benefits of IP-6 and inositol for humans and the general lack of this knowledge, he became most instrumental in organizing the First International Symposium of Disease Prevention by IP-6 and Other Rice Components in Kyoto, Japan (June 8-9, 1998). Dr. Shamsuddin's book on this "IP6: Nature's Revolutionary Cancer Fighter" by Kensington Publishing Corporation, New York, 1998, is written for the general public. Aside from these Dr. Shamsuddin has contributed numerous book-chapters and published over 200 scientific papers. He is the founding Director and Chairman of the Board of IP-6 Foundation Inc., and Kamolpur Janakallyan Trust, non-profit organizations to support health-care and economic empowerment in rural Bangladesh.