



ALUMNI SPOTLIGHT

Rakesh K. Jain '74M, '76PhD is widely renowned for his revolutionary research in tumor biology at Harvard Medical School. He currently holds joint appointments as the Andrew W. Cook Professor of Tumor Biology in the Radiation Oncology department, and Director of the Edwin L. Steele Laboratory for Tumor Biology.

Regarded as a pioneer in the field of tumor microenvironment and for his discoveries in drug delivery of molecular and nano-medications, in vivo imaging, bioengineering and bench-to-bedside translation, his work has fundamentally changed how molecularly targeted therapeutics are used and how they are combined with other therapies to improve survival rates in cancer patients.

He has also mentored over 200 masters, doctoral and postdoctoral students and has been a collaborator of a similar number of clinicians and scientists worldwide.

For his efforts and contributions, Dr. Jain has been a recipient of more than 50 awards including the Science of Oncology Award from the American Society of Clinical Oncologists, the Research Career Development Award and Outstanding Investigator Grant from the National Cancer Institute, the Humboldt Senior Scientist Award and a Guggenheim Fellowship.

He is also on the editorial advisory board of 17 journals, including Nature Reviews Cancer and Nature Reviews Clinical Oncology, and serves or has served on advisory panels to government, industry and academia worldwide. He is a member of the Institute of Medicine, the National Academy of Engineering, the National Academy of Sciences and the American Academy of Arts and Sciences, one of a very small number of individuals to have been elected to all these distinguished groups.

Prior to joining Harvard in 1991, Rakesh served as professor of chemical engineering at Carnegie Mellon University and associate professor of chemical engineering at Columbia University. He earned his bachelor's degree in chemical engineering from the Indian Institute of Technology in 1972.

For a full description of Dr. Jain's contributions and accomplishments, visit his [curriculum vitae](#).