TOPIC:
Applying Precision/Predictive Medicine Concepts To Cancer Prevention: An Evolving Discipline

Monday, June 27, 2022  •  12:00 pm – 1:00 pm
Location: BigBlueButton or dial in 1-863-208-0022 (pin: 337 216 271)

Objectives:

1. Identify that Precision Medicine / Predictive Medicine is more than Genomic Medicine alone.
   i. Data Sciences, Electronic Health Records, Telemedicine, and Social Sciences can all contribute to Precision Medicine / Predictive Medicine.

2. Explain Precision Medicine / Predictive Medicine Concepts that can and should be applied to the prevention of cancer.

3. Describe examples from specific disease site data to prove the above two points.

Dr. Srinivasan Vijayakumar (“Vijay”) became Professor and Chair of the Department of Radiation Oncology in November, 2007. Dr. Vijay’s practice focuses on radiation treatments of prostate, lymphoma, sarcoma, lung, brain and pediatric cancers. Under his leadership UMMC Radiation Oncology is one among less than 90 academic leaders in the USA. He has also developed a strong gamma knife radiosurgery program for patients undergoing radiation therapy for brain cancer. Prior to joining the faculty at UMMC, Dr. Vijay was professor and chair of Radiation Oncology at the University of California, Davis in Sacramento, California. He completed his residency in Radiation Oncology at the Michael Reese/University of Chicago Center for Radiation Therapy in Chicago, Illinois in 1985. He had previous oncology training in India at Madras University and came to the USA in 1982. In 2019 Dr. Vijay received an MPH from the George Washington University in Washington, DC. He is board certified in Radiation Oncology by the American Board of Radiology and is a fellow of the ABR and ASTRO (American Society of Therapeutic Radiation Oncology).

Dr. Vijay has authored 5 books and 242 peer-reviewed journal articles. He is a member of several committees and several state, national and international societies.