

Milestones in Tumor Biology, New Directions for Radiation Oncology

*Special Radiation Oncology Research Retreat on the occasion of Dr. Jain's 30-year anniversary
as Director of the Edwin L. Steele Laboratories for Tumor Biology*

Wednesday, September 30, 2020, 12:30 – 5:00 pm (followed by Happy Hour) via <https://partners.zoom.us/j/93353279785>

12:30–12:35 pm	Opening remarks Jay S. Loeffler, MD Chief, Department of Radiation Oncology Herman and Joan Suit Professor of Radiation Oncology, Harvard Medical School
12:35–12:40 pm	Setting the stage Rachel B. Jimenez, MD and Dan G. Duda, DMD, PhD
12:40–12:45 pm 12:45–1:25 pm	Introduction to Dr. Kaelin Jr. (by Dr. Jain) Keynote Talk #1: The von Hippel-Lindau Tumor Suppressor Gene: Insights into Oxygen Sensing and Cancer – William G. Kaelin Jr., MD 2019 Nobel Laureate in Physiology or Medicine Sidney Farber Professor of Medicine, Dana-Farber Cancer Institute and Harvard Medical School Investigator, Howard Hughes Medical Institute
1:25–1:40 pm	Discussion (Moderator, Timothy P. Padera, PhD)
1:40–1:45 pm 1:45–2:15 pm	Introduction to Dr. Jain (by Dr. Munn) Keynote Talk #2: Normalizing the Tumor Microenvironment to Improve Cancer Immunotherapy: Bench to Bedside – Rakesh K. Jain, PhD Director, Edwin L. Steele Laboratories for Tumor Biology A. W. Cook Professor of Tumor Biology, Harvard Medical School
2:15–2:25 pm	Discussion (Moderator, Dan G. Duda, DMD, PHD)
2:25–4:40 pm	“The Future of Tumor Biology” Sessions (10 min talks + 5 min Discussion)
2:25–2:40 pm	Improving treatment of medulloblastoma – Sampurna Chatterjee, PhD (Moderator, Torunn Yock, MD)
2:40–2:55 pm	Improving immunotherapy of glioblastoma by reprogramming regulatory T cells – Zohreh Amoozgar, PhD (Moderator, Henning Willers, MD)
2:55–3:10 pm	Improving immunotherapy of glioblastoma using combinatorial approaches – Meenal Datta, PhD (Moderator, Helen Shih, MD)
3:10–3:25 pm	Physical forces in brain tumors – Ashwin S. Kumar, MSc (Moderator, Lei Xu, MD, PhD)
3:25–3:40 pm	Improving treatment of breast cancer brain metastasis – Gino Ferraro, PhD (Moderator, Rachel B. Jimenez, MD)
3:40–3:55 pm	Improving immunotherapy of intrahepatic cholangiocarcinoma using cytotoxics – Jiang Chen, MD, PhD (Moderator, Jan Schuemann, PhD)
3:55–4:10 pm	Monitoring non-alcoholic fatty liver disease (NAFLD) in human liver biopsy samples using infrared imaging – Jessica Posada, MD (Moderator, Yves Boucher, PhD)
4:10–4:25 pm	Incorporating tumor biology into clinical care for pancreatic cancer: Moving the needle forward – Jennifer Wo, MD (Moderator, Theodore S. Hong, MD)
4:25–4:40 pm	Improving treatment of cancer by increasing physical activity – Igor L. Gomes-Santos, PhD (Moderator, Dai Fukumura, MD, PhD)
4:40–4:55 pm	Refocusing during the lab shutdown: In silico analysis of COVID-19 progression and treatment, Lance L. Munn, PhD (Moderator, Melin Khandekar, MD, PhD)
4:55–5:00 pm	Conclusion and congratulations to Dr. Jain, by Jay S. Loeffler, MD
5:00–6:00 pm	Happy Hour <i>You are all cordially invited to stay online for a Happy Hour to toast to Dr Jain and the Steele Labs!</i>