

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Nisha Ohri, MD

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Assistant Professor, Medical Director of Radiation Oncology

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Columbia University, New York, NY	BS	05/2008	Biomedical Engineering Medicine
College of Physicians & Surgeons, Columbia University, New York, NY	MD	06/2012	
St. Vincent's Hospital, Bridgeport, CT		06/2013	Surgery
Icahn School of Medicine at Mount Sinai, New York, NY		06/2017	Surgical Oncology

A. Personal Statement

I am a Radiation Oncologist who specializes in the treatment of patients with breast cancer. Before joining the Stacy Goldstein Breast Cancer Center at Rutgers Cancer Institute of New Jersey, I completed residency training in New York City at the Icahn School of Medicine at Mount Sinai. Prior to this, I graduated Summa Cum Laude from the School of Engineering and Applied Sciences at Columbia University, followed by medical school at the Columbia University College of Physicians and Surgeons. As part of a multidisciplinary team that provides comprehensive treatment to patients with breast cancer, it is my goal to provide individualized and compassionate care to all my patients. Working at a National Cancer Institute-designated Comprehensive Cancer Center, I have access to the latest technology that can effectively deliver radiation treatment while minimizing long-term side effects. In addition to treating patients with breast cancer, I am certified in Gamma Knife Radiosurgery for the treatment of malignant and non-malignant cancers of the brain. I remain actively involved in clinical breast cancer research and have published multiple peer-reviewed articles and textbook chapters focused on various aspects of breast cancer management. I also present my research at the national meeting of the American Society for Radiation Oncology (ASTRO) and am involved in education for residents training in the field of radiation oncology.

Citations:

- Sayan M, Kilic S, Zhang Y, Liu B, Jan I, George M, Kumar S, Haffty BG, **Ohri N**; Early Toxicity and Patient-Reported Cosmetic Outcomes in Patients Treated with Adjuvant Proton-Based Radiotherapy After Breast Conserving Surgery; *Clinical Breast Cancer*, e-pub ahead of print, Dec 2022
- Nakhliis F, Portnow L, Gombos E, Daylan A, Leone JP, Kantor O, Richardson ET, Ho A, Dunn SA, **Ohri N**; Multidisciplinary Considerations in the Management of Breast Cancer Patients Receiving Neoadjuvant Chemotherapy; *Current Problems in Surgery*, Volume 59, Issue 9, Sept 2022.
- Sayan M, Vergalasova I, Eladoumikdachi F, Haffty BG, Kumar S, **Ohri N**; Risk Factors for the Development of Clinical and Subclinical Lymphedema Detected by Bioimpedance Spectroscopy; *Clinical Breast Cancer*, Volume 22, Issue 6: 553-559, August 2022.
- Sayan M, Jan I, Vergalasova I, Kilic S, Kumar S, Haffty BG, **Ohri N**; Incidence of Clinical Lymphedema in Breast Cancer Patients Treated with Adjuvant Proton-Based Radiotherapy; *Reports of Practical Oncology and Radiotherapy*, e-collection, July 2022.

B. Positions, Scientific Appointments, and Honors

Positions and Scientific Appointments

- 2017–Present Assistant Professor, Radiation Oncology, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ
- 2017-Present Attending Physician, Department of Radiation Oncology, Robert Wood Johnson Hospital

Other Experience and Professional Memberships

American Society for Radiation Oncology
American Board of Radiology

Honors

- 2016 Roentgen Resident/Fellow Research,
2009 Summer Research Fellowship, Memorial Sloan-Kettering Cancer Center
2008 Summa cum laude, Columbia University

C. Contributions to Science

1. As an Assistant Professor at the Rutgers Cancer Institute of New Jersey my primary focus is managing patients with breast cancer and administering radiation therapy. I treat patients with malignant and benign brain disease and administering Gamma Knife Radiosurgery. I serve as a committee member of the Clinical Investigations and Precision Therapeutics Research Program, where we share and learn from other faculty and Principal Investigator of new trials and treatment discovered for all types of cancer treatments.
 - a. Kizilkaya MC, Kilic SS, Bozkurt MA, Sibic O, **Ohri N**, Faggen M, Warren L, Wong J, Punglia R, Bellon J, Haffty B, Sayan M; Breast Cancer Awareness Among Afghan Refugee Women in Turkey; *EClinicalMedicine*, eCollection, July 2022.
 - b. Cui T, Weiner JP, Danish S, Chundury A, **Ohri N**, Yue N, Wang X, Nie K; Evaluation of Biologic Effective Dose in Gamma Knife Staged Stereotactic Radiosurgery for Large Brain Metastases; *Frontiers of Oncology*, e-collection, June 2022.
 - c. Yehia, ZA, Yoon J, Sayan M, Kumar S, Kowzun M, Potdevin L, George M, Haffty BG, **Ohri N**; Does the Use of Biozorb® Result in Smaller Breast Seroma; *Anticancer Res*, Volume 42, Issue 6: 2961-2965, June 2022.
 - d. Sayan M, Eren MF, Kilic SS, Kotek A, Kaplan SO, Duran O, Cukurcayir F, Babalioğlu I, Or OD, Ozturk GA, Eroglu C, Teke F, Kurtul N, Kutuk T, Bcakci BC, Senyurek S, Aktan M, Mamidanna S, **Ohri N**, Haffty B, Atalar; Utilization of Radiation Therapy and Predictors of Noncompliance Among Syrian Refugees in Turkey; *BMC Cancer*, Volume 22, Issue 1: 532, May 2022.
2. Lectures or Course Directorships:
 1. APBI Journal Club, clinical didactic for residents; 1/13/23.
 2. Radiosensitizers, Bioreductive Drugs, and Radioprotectors; radiation biology lecture for residents; 4/15/22.
 3. APBI Journal Club, clinical didactic for residents; 2/25/22.
 4. Wilm's Tumor, clinical didactic lecture for residents; 1/28/22.
 5. Pediatric Rhabdomyosarcoma, clinical didactic lecture for residents; 1/28/22.
 6. Pediatric Rhabdomyosarcoma, clinical didactic lecture for residents; 1/29/21.
 7. Wilm's Tumor, clinical didactic lecture for residents; 1/15/21.
 8. Radiosensitizers, Bioreductive Drugs, and Radioprotectors; radiation biology lecture for residents; 4/17/20.
 9. Pediatric Rhabdomyosarcoma, clinical didactic lecture for residents; 1/24/20.
 10. Wilm's Tumor, clinical didactic lecture for residents; 1/3/20.
 11. Radiosensitizers, Bioreductive Drugs, and Radioprotectors; radiation biology lecture for residents; 5/3/19.

12. Pediatric Rhabdomyosarcoma; clinical didactic lecture for residents; 2/1/19.
13. Wilm's Tumor; clinical didactic lecture for residents; 1/11/19.
14. Radiosensitizers, Bioreductive Drugs, and Radioprotectors; radiation biology lecture for residents; 4/20/18.
15. Postmastectomy Radiation; clinical didactic lecture for medical oncology fellows; 10/24/17.
16. Management of Hepatocellular Carcinoma; clinical didactic lecture for residents; 10/13/17.

Complete List of Published Work in MyBibliography: <https://pubmed.ncbi.nlm.nih.gov/?term=Nisha+Ohri>