

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: Nehra, Anupama

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

POSITION TITLE: Associate Chief of Clinical Affairs

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)	END DATE MM/YYYY	FIELD OF STUDY
Indira Chakraborty College	OTH	1987	Concentration in Biology and Chemistry
Pandit Bhagwat Dayal Sharma Post Graduate Institute of Medical Sciences	MB	1993	N/A
Pandit Bhagwad Dayal Sharma Post Graduate Institute of Medical Sciences	Other training	1994	Internship in Ear, Nose & Throat
Long Island College Hospital	Other training	2000	Internal Medicine – Categorical
Long Island College Hospital	Resident	2001	Chief Resident – Internal Medicine
State University of New York – Downstate Medical Center	Fellow	2004	Hematology & Oncology

A. Personal Statement

I am an Assistant Professor of Medicine at Rutgers New Jersey Medical School and Associate Chief/Clinical Director of Hematology Oncology at the Rutgers Cancer institute of New Jersey (UH). I completed my undergraduate training in India and earned my medical degree at Pandit Bhagwat Dayal Sharma Post Graduate Institute of Medical Sciences (Rohtak, Haryana, India). Following my internal medicine internship at Long Island College Hospital, I accomplished residency training in internal medicine. I have considerable experience in Hematology & Medical Oncology. I serve as a member on various nationally and internationally recognized groups. I am committed to ensuring patients receive the best treatments delivered in the best ways, and to use research-driven strategies to protect and preserve the health of survivors.

B. Positions, Scientific Appointments and Honors**Positions and Scientific Appointments**

- 2022 - Member, Rutgers RWJBarnabas System wide Oncology P&T Committee
- 2022 - Chair, Oncology Clinical research Work group
- 2021 - Associate Chief of Clinical Affairs, Rutgers Cancer Institute of New Jersey at University Hospital
- 2021 - Member, Rutgers RWJB Hospital Research/Clinical Advisory Council
- 2021 - Member, Scientific Review Board - Rutgers Cancer Institute of New Jersey
- 2021 - Senior Physician Lead for Oncology Research, Rutgers CINJ at University Hospital
- 2020 - Cancer Pharmacology Member, Rutgers Cancer Center Support Grant Program
- 2020 - 2022 Member at Large, Rutgers New Jersey Medical School Faculty Council
- 2019 - Member, Cancer Quality Committee
- 2019 - Member, Cancer Leadership Council/Steering Committee
- 2018 - Medical Oncology Representative, Cancer Committee for Commission on Cancer
- 2018 - Chair, University Hospital, Medical Oncology Operational Committee

2018 - Chair, Radiation Safety Committee - Human Use Subcommittee
 2018 - Member, EPIC Physician Steering Committee
 2018 - Member, Clinical Informatics Committee
 2018 - Member, Pharmacy and Therapeutics Committee
 2018 - Member, Pharmacy and Therapeutics Committee
 2018 - Physician Champion and Oncology Lead for EPIC and BEACON, EPIC and BEACON
 2017 - Assistant Professor of Medicine, Department of Medicine, Division of Hematology & Oncology, Rutgers New Jersey Medical School
 2017 - Member, Tumor Board for Head and Neck Cancers, Thoracic Cancers, Breast Cancer, Gastrointestinal malignancies, Brain and Spine Tumors
 2017 - Chair, Oncology Subcommittee
 2017 - 2018 Attending, Department of Medicine, Division of Hematology & Oncology, Department of Medicine, Division of Hematology & Oncology
 2016 - 2021 Clinical Director, Rutgers Cancer Institute of New Jersey at University Hospital
 2016 - 2017 Attending, Department of Medicine, Division of Hematology & Oncology, Jersey Shore Medical Center, Hackensack Meridian Health system
 2016 - 2017 Attending, Department of Medicine, Division of Hematology & Oncology, Riverview Medical Center, Hackensack Meridian Health System
 2016 - 2017 Member, Hackensack Meridian Health System, Riverview Medical Center and Jersey Shore Medical Center Oncology Steering Committee
 2016 - 2017 Member, Hackensack Meridian Health System, Riverview Medical Center and Jersey Shore Medical Center Oncology Steering Committee
 2016 - 2017 Member, Oncology Rehabilitation Committee, Riverview Medical Center
 2010 - 2015 Director, Division of Hematology & Oncology and Bone Marrow Transplant, Max Cancer Center, Max Super Specialty Hospital
 2009 - 2010 Chief, Division of Hematology & Oncology and Bone Marrow Transplant, Max Cancer Center, Max Super Specialty Hospital
 2006 - 2012 Member, Robert Wood Johnson at Somerset Hospital Task Force for Multidisciplinary Teams
 2005 - 2017 Member, American Medical Association
 2004 - 2017 Attending, Department of Medicine, Division of Hematology & Oncology, Robert Wood Johnson University Hospital
 2004 - 2014 Attending, Department of Medicine, Division of Hematology & Oncology, JFK Medical Center
 2004 - 2007 Attending, Department of Medicine, Division of Hematology & Oncology, Muhlenberg Regional Medical Center
 2001 - Member, American Society of Clinical Oncology
 2001 - 2004 Clinical Instructor, Department of Medicine, Division of Hematology & Oncology, State University of New York – Downstate Medical Center
 1998 - 2001 Utilization Review Committee Member, Long Island College Hospital

Honors

2022 Rutgers CINJ Service Award, The Rutgers Cancer Institute of New Jersey
 1999 Resident of Year Award, Long Island College Hospital
 1993 Highest rank in ophthalmology, Pandit Bhagwat Dayal Sharma Post graduate Institute of Medical Sciences
 1993 3 rd Highest overall rank in final medical school examination, Pandit Bhagwat Dayal Sharma Post graduate Institute of Medical Sciences
 1987 Distinction award in English, Government College for Women

C. Contribution to Science

1. I am a member of the Clinical Investigations and Precision Therapeutics (CIPT) Program at the Rutgers Cancer Institute of New Jersey. The Overall Goals of the Clinical Investigations and Precision Therapeutics (CIPT) Program are to 1) translate outstanding science across the Cancer Center into early phase trials, 2)

develop novel diagnostic, prevention, and therapeutic strategies; and 3) promote bidirectional translation from bench to bedside and back.

I serve as the PI on the following Clinical Trial studies at the Rutgers Cancer Institute of New Jersey:
-A Phase 2 Study of ALX148 in Combination with Pembrolizumab in Patients with Advanced Head and Neck Squamous Cell Carcinoma.

-A Phase III, Randomized, Open-Label Study to Evaluate Pembrolizumab as Neoadjuvant Therapy and in Combination With Standard of Care as Adjuvant Therapy for Stage III-IVA Resectable Locoregionally Advanced Head and Neck Squamous Cell Carcinoma (LA HNSCC).

2. Refereed original articles:

- a. Dogra P, Ramírez JR, Butner JD, Peláez MJ, Chung C, Hooda-Nehra A, Pasqualini R, Arap W, Cristini V, Calin GA, Ozpolat B, Wang Z. Translational Modeling Identifies Synergy between Nanoparticle-Delivered miRNA-22 and Standard-of-Care Drugs in Triple-Negative Breast Cancer. *Pharm Res.* 2022 Mar;39(3):511-528. PubMed Central PMCID: PMC8986735.
- b. Romagano MP, Sherman LS, Shadpoor B, El-Far M, Souayah S, Pamarthi SH, Kra J, Hood-Nehra A, Etchegaray JP, Williams SF, Rameshwar P. Aspirin-Mediated Reset of Preeclamptic Placental Stem Cell Transcriptome - Implication for Stabilized Placental Function. *Stem Cell Rev Rep.* 2022 Dec;18(8):3066-3082. PubMed PMID: 35908144.
- c. Sherman LS, Patel SA, Castillo MD, Unkovic R, Taborga M, Gergues M, Patterson S, Etchegaray JP, Jaloudi M, Hooda-Nehra A, Kra J, Rojas DP, Chang VT, Rameshwar P. NFκB Targeting in Bone Marrow Mesenchymal Stem Cell-Mediated Support of Age-Linked Hematological Malignancies. *Stem Cell Rev Rep.* 2021 Dec;17(6):2178-2192. PubMed PMID: 34410592.
- d. Staquicini FI, Hajitou A, Driessen WH, Proneth B, Cardó-Vila M, Staquicini DI, Markosian C, Hoh M, Cortez M, Hooda-Nehra A, Jaloudi M, Silva IT, Buttura J, Nunes DN, Dias-Neto E, Eckhardt B, Ruiz-Ramírez J, Dogra P, Wang Z, Cristini V, Trepel M, Anderson R, Sidman RL, Gelovani JG, Cristofanilli M, Hortobagyi GN, Bhujwala ZM, Burley SK, Arap W, Pasqualini R. Targeting a cell surface vitamin D receptor on tumor-associated macrophages in triple-negative breast cancer. *Elife.* 2021 Jun 1;10 PubMed Central PMCID: PMC8169110.