

NATARAJAN ARAVINDAN MSc., MPhil., Ph.D., C.C.A
Williams Company Foundation Presidential Professor

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<https://medicine.ouhsc.edu/Academic-Departments/Radiation-Oncology/Faculty-and-Staff/Biologists/aravindan-natarajan-phd-1>

PRESENT TITLE AND AFFILIATION

Professor	Department of Radiation Oncology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK
Chair, Radiation Biology	Radiation Oncology Research Committee, Department of Radiation Oncology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK
Chair, DEI	Radiation Oncology Diversity, Equity, and Inclusion committee Charter, Department of Radiation Oncology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK
Professor	Department of Pathology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK (<i>Adjunct Appointment</i>)
Member	Cancer Biology Program, NCI-designated Stephenson Cancer Center, Oklahoma City, OK
Faculty (Level 4)	Graduate College, University of Oklahoma Health Sciences Center, Oklahoma City, OK

CONTACT DETAILS

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PROFESSIONAL EXPERIENCE

2023-To date	Professor	Department of Radiation Oncology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK
2023-To date	Professor	Department of Pathology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK. <i>Adjunct appointment</i>
2022-To date	Chair, Radiation Biology	Radiation Oncology Research Committee, Department of Radiation Oncology, University of Oklahoma Health Sciences Center, Oklahoma City, OK
2022- To date	Chair, DEI	Radiation Oncology Diversity, Equity, and Inclusion committee Charter, Department of Radiation Oncology, University of Oklahoma Health Sciences Center, Oklahoma City, OK
2016-2023	Associate Professor	Department of Radiation Oncology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK
2016-2023	Associate Professor	Deptment of Anesthesiology, University of Oklahoma Health Sciences Center, Oklahoma City, OK. <i>Adjunct appointment</i>
2016-2023	Associate Professor	Department of Pathology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK. <i>Adjunct appointment</i>
2018-Present	Member	Cancer Biology Program, NCI-designated Stephenson Cancer Center, Oklahoma City, OK.
2009-2019	Faculty Member	Oklahoma Center for Neuroscience (OCNS), Oklahoma City, OK.
2007-Present	Faculty Member Level 4	Graduate College, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA
2006-2021	Course Director	Radiation Biology Program, Radiation Oncology Medical Residency, Department of Radiation Oncology, Stephenson Cancer Center, Oklahoma City, OK.
2016-2018	Member	Preclinical & Translational Research Program, Stephenson Cancer Center, Oklahoma City,OK
2009-2016	Faculty Member	Reynolds Oklahoma Center on Aging, Oklahoma City, OK.
2009-2016	Faculty Member	Oklahoma Tobacco Research Center (OTRC), Oklahoma City, OK.
2006-2016	Assistant Professor	Department of Radiation Oncology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK.

2006-2016	Assistant Professor	Department of Anesthesiology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK. <i>Adjunct appointment</i>
2007-2016	Assistant Professor	Department of Pathology, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK. <i>Adjunct appointment</i>
2007-2016	Member	Developmental Therapeutics Program, Stephenson Cancer Center, Oklahoma City, OK
2007-2016	Member	Cancer Biology Program, Stephenson Cancer Center, Oklahoma City, OK.
2005-2006	Instructor	Department of Critical Care, Division of Anesthesiology, University of Texas M.D. Anderson Cancer Center, Houston, TX.
2001-2005	Postdoctoral Fellow	Cancer Critical Care, Department of Critical Care, Division of Anesthesiology and Pain Medicine, UT M.D. Anderson Cancer Center, Houston, TX
2000-2001	Postdoctoral Fellow	Radiation Biology/Oncology, Department of Radiation Oncology, University of Texas Health Science Center at San Antonio, TX
1999-2000	Research Associate	Microbiology, Protozoology and Clinical Pathology Division, Department of Zoology, Andhra University, Visakhapatnam, AP, India
1996-1999	Senior Research Fellow	Microbiology, Indian Council of Agricultural Research (ICAR), Government of India funded fellowship, Department of Zoology, Andhra University, Visakhapatnam, AP, India
1995-1996	Research Fellow	Biochemistry, Department of Biochemistry, Banaras Hindu University, Varanasi, UP, India
1995	Lecturer	Tobacco, infectious diseases and AIDS awareness program, NABARD Project, Women and Child Development Authority, Government of Tamil Nadu, India.
1994-1995	Research Fellow	Pathology, Department of Zoology, K.M. Center for Post Graduation Studies, Pondicherry University, Pondicherry, India.

HONORS AND AWARDS

1. Awards and Fellowships:

1989	Winner of prestigious <u><i>N. R. Venkataraman Prize Fund</i></u> for outstanding academic record, IGHSS, Pondicherry, India.
1996-1999	<i>Fellow of ICAR</i> , Department of Science and Technology, Government of India, New Delhi, India
2005	<u><i>Fleming and Davenport Award for Critical Care Research</i></u> , Texas Medical Center, Houston, TX.
2007	<u><i>American Cancer Society new independent investigator award</i></u> , University of Oklahoma Health Sciences Center, OK.
2008	<u><i>Presbyterian Health foundation new OUHSC investigator award</i></u> , University of Oklahoma Health Sciences Center, OK.
2009	Inducted in <i>Marquis Who's Who in America</i> , New Providence, New Jersey.
2009	<u><i>Soy health research program award</i></u> , United Soybean board, Chesterfield, MO.
2015	<u><i>Experimental therapeutics program research award</i></u> , Stephenson Cancer Center, Oklahoma City, OK.
2016	<u><i>Presbyterian Health foundation investigator award</i></u> , University of Oklahoma Health Sciences Center, OK.
2019	<u><i>The Oklahoma Center for the Advancement of Science and Technology Health Research award</i></u> , OCAST, OK.
2023	<u><i>Williams Company Foundation Presidential Professor award</i></u> , The university of Oklahoma, OK.

3. Editorial:

2023	<u><i>Lead Guest Editor</i></u> for the Special Issue, "Cellular, Molecular and Carcinogenic Effects of Radiation" in the International Journal of Molecular Sciences (ISSN 1422-0067)
	<u><i>Lead Guest Editor</i></u> for the Special Issue, "Signaling Pathways and Mechanisms in Cancer Therapy Resistance" in the <i>Cells</i> (EISSN 2073-4409)
2022-Todate	<u><i>Editor-in-Chief</i></u> Journal of Modern Medical Oncology Journal of Experimental and Translational Oncology
2021- To date	<u><i>Associate Editor</i></u> Technology in Cancer Research and Treatment
2013- To date	<u><i>Academic Editor</i></u> , <i>PLOS One</i>
2019- To date	<u><i>Editorial Board Member</i></u> <i>World Journal of Radiology</i>
2018- To date	<i>Gene Science and Engineering</i>
2016- To date	<i>Nature Scientific Reports (Medicine – Clinical Oncology)</i> <i>Current Analysis in Oncology</i>
2012- To date	<i>International Journal of innovative Research and Development</i>

International Journal of Drug Discovery
Journal of Cancer stem cell Research
Radiation Oncology

4. Committee Advisories

- 2019 International Advisory Committee member, Government of India Department of Science and Technology PURSE sponsored *International Conference on Changing Contours of Blue Economy - Promises and Challenges*, Tamil Nadu, India.
- 2019 Advisory Committee Member, Irradiator replacement committee, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA
- 2023 International Advisory Committee member, ISPMCON-2023, 3rd International Conference on Personalized medicine sponsored by Department of Personalized and Molecular Medicine, Era University, Lucknow, India.

2. PUBLICATIONS

PEER REVIEWED PUBLICATIONS

Complete list of my peer-reviewed publications (86 Original Research, Review, Book Chapters, Technical Reports) can be found at https://www.ncbi.nlm.nih.gov/myncbi/1Vcq2ALOd_0QH/bibliography/public/

PEER REVIEWED PUBLISHED ABSTRACTS

Complete list of my peer-reviewed publications (189 Original Research peer reviewed published abstracts) can be found at <https://medicine.ouhsc.edu/Portals/1365/Assets/Documents/Academic%20Departments/Radiation%20Oncology/CVs/Aravindan%20PEER%20REVIEWED%20PUBLISHED%20ABSTRACTS.pdf?ver=2022-10-13-150600-823>