

Stanford



Dhanya K. Nambiar

Postdoctoral Research Fellow, Radiation Therapy

Bio

HONORS AND AWARDS

- Martin Brown Award for Excellence in Radiation Sciences, Dept. of Radiation Oncology, Stanford University (2018)
- AACR Travel Grant, Proteintech-AACR (2017)
- Young Researcher Awardee for 64th Lindau Nobel Laureate Meeting, Lindau Nobel Laureate Meetings Foundation, Germany (07/2014)
- Fulbright Doctoral Research Fellowship (2013-14), Fulbright, USA (07/2013)
- Senior Research Fellowship, Council for Scientific and Industrial Research, Govt. of India (08/2012 to 02/2015)
- Young Researcher Award, International Symposium on “Recent Advances in Cancer Research: Therapeutics to Chemoprevention (02/2012)
- Junior Research Fellowship, Council for Scientific and Industrial Research, Govt. of India (06/2009 to 06/2011)
- Junior Research Fellowship, Department of Biotechnology, Govt. of India (04/2009)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Jawaharlal Nehru University (2015)
- Master of Science, Manipal University (2008)
- Bachelor of Science, Manipal Academy of Higher Education (2006)

STANFORD ADVISORS

- Quynh-Thu Le, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Galectin-1-driven T cell exclusion in the tumor endothelium promotes immunotherapy resistance.** *The Journal of clinical investigation*
Nambiar, D. K., Aguilera, T., Cao, H., Kwok, S., Kong, C., Bloomstein, J., Wang, Z., Rangan, V. S., Jiang, D., von Eyben, R., Liang, R., Agarwal, S., Colevas, et al
2019
- **The Immune Subtypes and Landscape of Squamous Cell Carcinoma** *CLINICAL CANCER RESEARCH*
Li, B., Cui, Y., Nambiar, D. K., Sunwoo, J. B., Li, R.
2019; 25 (12): 3528–37
- **Galectin-1 intensifies immunosuppression in head and neck cancer by boosting myeloid-derived suppressive cell (MDSC) expansion**
Nambiar, D. K., Aguilera, T. A., Bloomstein, J., Jiang, D., Cao, H., Koong, A., Quynh Thu Le
AMER ASSOC CANCER RESEARCH.2018
- **Aldehyde dehydrogenase 3A1 activation prevents radiation-induced xerostomia by protecting salivary stem cells from toxic aldehydes.** *Proceedings of the National Academy of Sciences of the United States of America*

Saiki, J. P., Cao, H., Van Wassenhove, L. D., Viswanathan, V., Bloomstein, J., Nambiar, D. K., Mattingly, A. J., Jiang, D., Chen, C., Stevens, M. C., Simmons, A. L., Park, H. S., von Eyben, et al

2018

- **Chemical Space Mimicry for Drug Discovery** *JOURNAL OF CHEMICAL INFORMATION AND MODELING*
Yuan, W., Jiang, D., Nambiar, D. K., Liew, L. P., Hay, M. P., Bloomstein, J., Lu, P., Turner, B., Le, Q., Tibshirani, R., Khatri, P., Moloney, M. G., Koong, et al
2017; 57 (4): 875-882
- **Targeting galectin-1 to improve therapeutic efficacy in head and neck cancers**
Nambiar, D. K., Cao, H., Quynh Thu Le
AMER ASSOC CANCER RESEARCH.2017
- **Hypoxia induces triglycerides accumulation in prostate cancer cells and extracellular vesicles supporting growth and invasiveness following reoxygenation.** *Oncotarget*
Schlaepfer, I. R., Nambiar, D. K., Ramteke, A., Kumar, R., Dhar, D., Agarwal, C., Bergman, B., Graner, M., Maroni, P., Singh, R. P., Agarwal, R., Deep, G.
2015; 6 (26): 22836-22856
- **Silibinin attenuates ionizing radiation-induced pro-angiogenic response and EMT in prostate cancer cells** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*
Nambiar, D. K., Rajamani, P., Singh, R. P.
2015; 456 (1): 262-268
- **Silibinin Preferentially Radiosensitizes Prostate Cancer by Inhibiting DNA Repair Signaling.** *Molecular cancer therapeutics*
Nambiar, D. K., Rajamani, P., Deep, G., Jain, A. K., Agarwal, R., Singh, R. P.
2015
- **Silibinin inhibits aberrant lipid metabolism, proliferation and emergence of androgen-independence in prostate cancer cells via primarily targeting the sterol response element binding protein 1** *ONCOTARGET*
Nambiar, D. K., Deep, G., Singh, R. P., Agarwal, C., Agarwal, R.
2014; 5 (20): 10017-10033
- **Acacetin Inhibits In Vitro and In Vivo Angiogenesis and Downregulates Stat Signaling and VEGF Expression** *CANCER PREVENTION RESEARCH*
Bhat, T. A., Nambiar, D., Tailor, D., Pal, A., Agarwal, R., Singh, R. P.
2013; 6 (10): 1128-1139
- **In vitro and in vivo anticancer efficacy of silibinin against human pancreatic cancer BxPC-3 and PANC-1 cells** *CANCER LETTERS*
Nambiar, D., Prajapati, V., Agarwal, R., Singh, R. P.
2013; 334 (1): 109-117
- **Advances in Prostate Cancer Chemoprevention: A Translational Perspective** *NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL*
Nambiar, D., Singh, R. P.
2013; 65: 12-25
- **Usnic Acid Inhibits Growth and Induces Cell Cycle Arrest and Apoptosis in Human Lung Carcinoma A549 Cells** *NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL*
Singh, N., Nambiar, D., Kale, R. K., Singh, R. P.
2013; 65: 36-43
- **Fisetin inhibits various attributes of angiogenesis in vitro and in vivo-implications for angioprevention** *CARCINOGENESIS*
Bhat, T. A., Nambiar, D., Pal, A., Agarwal, R., Singh, R. P.
2012; 33 (2): 385-393
- **Effects of phytochemicals on ionization radiation-mediated carcinogenesis and cancer therapy** *MUTATION RESEARCH-REVIEWS IN MUTATION RESEARCH*
Nambiar, D., Rajamani, P., Singh, R. P.
2011; 728 (3): 139-157