



Quynh-Thu Le, MD, FACR, FASTRO, FARS

Katharine Dexter McCormick and Stanley McCormick Memorial Professor and Professor, by courtesy, of Otolaryngology - Head & Neck Surgery (OHNS)

Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

- **Radiation Therapy**

875 Blake Wilbur Dr Clinic D

MC 5847

Stanford, CA 94305

Tel (650) 725-0203 Fax (650) 723-3913

ACADEMIC CONTACT INFORMATION

- **Administrative Contacts**

Vicki Kwong, James Tantoco - Administrative Associates

Email qle_admins@stanford.edu

Tel 650-725-0203

Bio

BIO

Quynh-Thu Le, MD is the Katharine Dexter McCormick & Stanley McCormick Memorial Professor and Chair of the Department of Radiation Oncology at Stanford University. She co-directs the Radiation Biology Program of the Stanford Cancer Institute. Her clinical focus is on radiation management of head and neck cancer (HNC). She has led multicenter phase II and III clinical trials, testing the addition of novel drugs as well as radiosensitizer or radioprotector with chemoradiotherapy in HNC. Her lab works on approaches to regenerate salivary glands after radiation damage, identification of biomarkers of prognosis and treatment resistance in HNC, and development of novel treatment strategies for HNC with a focus on the tumor microenvironment and Galectin-1.

She currently co-chairs the NRG Oncology Group of the NCI-sponsored National Clinical Trial Network (NCTN), which conducts practice-changing phase II-III trials in many cancers. Before that, she chaired the HNC Committee of NRG Oncology for ten years. She has received grant support from ASCO, ASTRO as well as P01, R01 and R21 grants from the NIH. She has served as a reviewer for several journals and NIH study sections. She has been actively involved in many national and international organizations such as ASTRO, ASCO and AARC and ARS. She was inducted into the Fellowship of the American College of Radiology (FACR), the American Society of Therapeutic Radiology and Oncology (ASTRO) and the Institute of Medicine / National Academy of Medicine (IOM/NAM). She was also honored with the Caltech Distinguished Alumni Award and the ASTRO Gold Medal.

CLINICAL FOCUS

- Cancer > Head and Neck Cancer
- Cancer > Radiation Oncology
- Lung Cancer - Radiation Oncology
- Salivary Gland Tumors - Radiation Oncology
- Head and Neck Cancers - Radiation Oncology
- Larynx Cancer - Radiation Oncology

- Radiation Oncology
- Oral Cavity Cancer - Radiation Oncology
- Sarcomas - Soft Tissue - Radiation Oncology
- Skull Base Tumors - Radiation Oncology

ACADEMIC APPOINTMENTS

- Professor, Radiation Oncology - Radiation Therapy
- Professor (By courtesy), Otolaryngology (Head and Neck Surgery)
- Member, Bio-X
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Chair, Department of Radiation Oncology, Stanford University, (2011- present)
- Co-Director, Radiation Biology Program, Stanford Cancer Institute, (2004- present)

HONORS AND AWARDS

- Astro Gold Medal, ASTRO (2025)
- American Association for Women in Radiology (AAWR) Alice Ettinger Award, AAWR (2021)
- Stanford ISP Star Award – Vaccine Governance Committee Member, Stanford (2021)
- Morton M. Kligerman Award, University of Pennsylvania, University of Pennsylvania (2019)
- Distinguished Alumni Award, California Institute of Technology (Caltech) (2015)
- Fellow, American Society of Therapeutic Radiation Oncology (ASTRO) (2014)
- Recipient, ARRO Educator of the Year Award (2014)
- Member, Induction into Institute of Medicine (IOM) (2013)
- Fellow, American College of Radiology (ACR) (2011)
- Recipient, ASCO Clinical Research Development Award (2002-2005)
- Recipient, American Association of Woman Radiologist Early Career Professional Development Award (2002)
- Recipient, ASTRO Junior Faculty Research Fellowship (2000-2002)
- Recipient, Henry Kaplan Memorial Prize for Teaching Award (1998, 2000)
- Recipient, Radiologic Society of Northern American Resident Research Award (1997)
- Member, Alpha Omega Alpha Medical Honor Society (1993)
- Top Graduate in Medical School Class, Sadie E. Berkove, MD Fellowship (1993)
- Recipient, UCSF Regent Scholarship (1989-1991)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- NRG Oncology NCTN Group Chair, NRG Oncology (2021 - present)
- Treasurer and Executive Committee Member, American Radium Society (2012 - present)
- Annual Program Committee - Head and Neck Group Member, ASCO (2012 - 2015)
- Chair, Head and Neck Cancer Committee, NRG Oncology Cooperative Group (RTOG, NSABP & GOG) (2011 - present)
- Chair, Education Committee, ASTRO (2011 - 2015)
- Chair and Member, Scientific Program Committee, American Radium Society (2006 - 2011)
- Editorial Board Member, Journal Clinical Oncology (2006 - 2010)

- Radiology Program Co-Director, Stanford Comprehensive Cancer Center Grant (P30) (2005 - present)
- Annual Program Committee Member, ASTRO (2004 - 2010)
- Panel Member, National Comprehensive Cancer Network Lung Cancer (2004 - 2010)
- Annual Program Committee - Lung Group Member, ASCO (2004 - 2007)
- Task Force Member of Written Board/Oral Board, American Board of Radiology (2003 - present)

PROFESSIONAL EDUCATION

- Residency: UCSF Radiation Oncology Residency (1997) CA
- Internship: Alameda County Highland Hospital Internal Medicine Residency (1994) CA
- Medical Education: University of California at San Francisco School of Medicine (1993) CA
- Board Certification: Radiation Oncology, American Board of Radiology (1998)
- MD, UCSF , Medicine (1993)

LINKS

- <http://radonc.stanford.edu/>: <http://radonc.stanford.edu/>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My laboratory is dedicated to identifying pathways and biomarkers associated with treatment resistance in head and neck cancers, and exploring the mechanisms by which these biomarkers lead to treatment resistance, especially radiation resistance. We aim to develop combination strategies to target these pathways effectively while using biomarkers to select for patients who would benefit from these novel strategies. Currently, our primary focus includes investigating the role of the Nrf2 pathway, Galectin-1, and other key players in treatment resistance, especially radioresistance utilizing cutting-edge techniques such as nanoparticle-delivered CRISPR for precise genome editing and small molecule drug screening. By analyzing clinical samples with innovative methodologies such as spatial genomics and proteomics, we translate scientific discoveries into actionable strategies, ultimately offering hope for patients by overcoming treatment resistance.

Another major direction of our laboratory aims to identify key progenitor cells and studying their role in tissue regeneration following radiation damage with a focus on salivary glands. By studying human salivary gland stem/progenitor cells, we identify pertinent molecular pathways involved in radiation-induced injury and glandular regeneration after radiation damage. From this we can develop novel therapy to mitigate the deleterious effect of radiation on these tissues with the goal of improving salivary gland function after head and neck radiation therapy.

Another area of my research is clinical trial development. I am one of the three group chairs of the NRG Oncology Group (a cooperative group of the NCI-sponsored Clinical Trial Network [NCTN]). In my role, I oversee several committees to develop and conduct many large phase II and III trials in different tumor types including brain, head and neck, breast, thoracic, gastrointestinal (GI), genitourinary (GU), gynecologic (GYN) and soft tissue malignancies. Our goal is "to improve the lives of patients with cancer by conducting practice-changing multi-institutional clinical and translational research".

CLINICAL TRIALS

- Development of Novel Serum Markers for Monitoring Response to Anti-Cancer Therapy, Recruiting
- Identification and Characterization of Novel Proteins and Genes in Head and Neck and/or Skin Cancer, Recruiting

- Identification of Secreted Markers for Tumor Hypoxia in Patients with Head and Neck or Lung Cancers, Recruiting
- Intratumoral Delivery of Viral Replicon (saRNA) Particles Expressing IL-12 in Head and Neck Cancer, Recruiting
- Phase I d-Limonene +Radiation +PlatinumBasedChemo for Xerostomia Prevention in LocallyAdvanced HNSCC, Recruiting
- Testing Docetaxel-Cetuximab or the Addition of an Immunotherapy Drug, Atezolizumab, to the Usual Chemotherapy and Radiation Therapy in High-Risk Head and Neck Cancer, Recruiting
- Bevacizumab, Cisplatin, Radiation Therapy, and Fluorouracil in Treating Patients With Stage IIB, Stage III, Stage IVA, or Stage IVB Nasopharyngeal Cancer, Not Recruiting
- Cisplatin and ZD1839 + Re-Irradiation in Recurrent Squamous Cell Cancer of the Head and Neck, Not Recruiting
- Endoscopic Capillary Oximetry for Tumor Diagnosis in Head and Neck Cancer, Not Recruiting
- Feasibility of IMRT Modulation to Account for Scattered Radiation from Dental Fillings in H&N Cancer, Not Recruiting
- Human Salivary Gland Disposition of A341 in Patients Undergoing Salivary Gland Surgery, Not Recruiting
- Identification of Serum Markers For Tumor Hypoxia in Non-Small Cell Lung Cancers, Not Recruiting
- Indirect Magnetic Resonance Lymphangiography of the Head and Neck Region Using Conventional Gadolinium-based Contrast, Not Recruiting
- Lapatinib and Radiation for Stage III-IV Head and Neck Cancer Patients Who Cannot Tolerate Concurrent Chemotherapy, Not Recruiting
- Phase I Safety Testing Nivolumab +Chemotherapy in Intermediate &High-Risk Advanced Head &Neck Cancer, Not Recruiting
- Phase I to Evaluate Immunological Response to PD-(L)1 Inhibition in SquamousCellCarcinoma of the H&N, Not Recruiting
- Phase II Chemo-XRT vs Chemo-XRT + Vandetanib for High-Risk Postoperative Advanced Head & Neck SCC, Not Recruiting
- Phase II Comparing 2 SBRT Schedules for Medically Inoperable Stage I Peripheral NSCLC, Not Recruiting
- Phase II in p16 Positive, Non-Smoking Associated, Locoregionally Advanced Oropharyngeal Cancer, Not Recruiting
- Phase II PreOp ChemoXRT +/- Panitumumab Followed by Chemotherapy in Locally Advanced NSCLC, Not Recruiting
- Phase II/III Adj Concurrent XRT+Chemo vsXRT Solo in Resected HighRisk Malignant Salivary Gland Tumors, Not Recruiting
- Phase II/III Adjuvant RT w/Cisplatin Docetaxel-Cetuximab or Cisplatin-Atezolizumab in HighRisk HNSCC, Not Recruiting
- Phase II/III De-Intensified RT in Early-Stage P16-Positive Non-SmokingAssociated OropharyngealCancer, Not Recruiting
- Phase II/III Image-guided Radiosurgery/SBRT for Localized Spine Metastasis, Not Recruiting
- Phase II/III Nasopharyngeal Carcinoma Based on Biomarker Epstein Barr Virus Deoxyribonucleic Acid , Not Recruiting
- Phase III Cetuximab, Paclitaxel, Cisplatin and XRT in Esophageal CA without Surgery, Not Recruiting
- Phase III Post-Operative XRT (IMRT) +/- Cetuximab for Locally-Advanced Head and Neck CA, Not Recruiting
- Phase III Radiotherapy + Cetuximab vs Chemotherapy in HPV-associated Oropharynx Cancer, Not Recruiting
- Phase III Trastuzumab + Trimodality Treatment of Her2-Overexpressing Esophageal Adenocarcinoma, Not Recruiting
- Phase III Weekly Palifermin for Reduction of Oral Mucositis in Advanced H&N CA during XRT & Chemo, Not Recruiting
- Plasma Epstein-Bar Virus DNA in Nasopharyngeal CA from Endemic & Non-Endemic Patient Populations, Not Recruiting
- Radiation Therapy and Cisplatin With or Without Cetuximab in Treating Patients With Stage III or Stage IV Head and Neck Cancer, Not Recruiting
- Radiation Therapy in Preventing Central Nervous System (CNS) Metastases in Patients With Non-Small Cell Lung Cancer, Not Recruiting
- Real-Time kV Imaging vs. Real-Time 3D Patient Surface Tracking for Head & Neck Cancer, Not Recruiting
- The Role of FDG PET in Radiation Treatment Planning for Head and Neck Cancers, Not Recruiting
- Treatment Outcomes and Quality of Life after IMRT Treatments of Head and Neck Cancers, Not Recruiting
- Phase II Hippocampal Avoidance During Whole-brain Radiotherapy for Brain Metastases, Not Specified
- Phase II Lapatinib (TYKERB®) in Head & Neck Cancer with Concurrent Chemoradiation, Not Specified
- Phase II Transoral Endoscopic H&N Surgery + (Risk-Based IMRT / IMRT) +Cisplatin in Oropharynx Cancer, Not Specified

Teaching

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Phillip Liu

Postdoctoral Faculty Sponsor

Huaping Deng, Jimpi Langthasa, Qi Sun

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (Phd Program)

Publications

PUBLICATIONS

- **VISTA immune checkpoint blunts radiotherapy-induced antitumor immune response.** *Cell reports*
Nambiar, D. K., Maddineni, S., Langthasa, J., Cao, H., Viswanathan, V., Liu, J., Islam, M. T., Mehta, N., Frank, J., Real, A., Cheunkardee, T., Laseinde, E. E., Dharmadhikari, et al
2025; 44 (7): 115893
- **Association between Locoregional Failure and NFE2L2/KEAP1/CUL3 Mutations in NRG/RTOG 9512: A Randomized Trial of Radiation Fractionation in T2N0 Glottic Cancer.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Guan, L., Torres-Saavedra, P. A., Zhao, X., Major, M. B., Holmes, B. J., Nguyen, N. K., Kumaravelu, P., Hodge, T., Diehn, M., Zevallos, J. P., Holsinger, F. C., Emami, B., Jordan, et al
2024
- **Gold-siRNA supraclusters enhance the anti-tumor immune response of stereotactic ablative radiotherapy at primary and metastatic tumors.** *Nature biotechnology*
Jiang, Y., Cao, H., Deng, H., Guan, L., Langthasa, J., Colburg, D. R., Melemenidis, S., Cotton, R. M., Aleman, J., Wang, X. J., Graves, E. E., Kalbasi, A., Pu, et al
2024
- **Tert-expressing cells contribute to salivary gland homeostasis and tissue regeneration after radiation therapy.** *Genes & development*
Guan, L., Viswanathan, V., Jiang, Y., Vijayakumar, S., Cao, H., Zhao, J., Colburg, D. R., Neuhofer, P., Zhang, Y., Wang, J., Xu, Y., Laseinde, E. E., Hildebrand, et al
2024
- **Galectin-1 mediates chronic STING activation in tumors to promote metastasis through MDSC recruitment.** *Cancer research*
Nambiar, D. K., Viswanathan, V., Cao, H., Zhang, W., Guan, L., Chamoli, M., Holmes, B., Kong, C., Hildebrand, R., Koong, A. J., von Eyben, R., Plevritis, S., Li, et al
2023
- **Hot on the trail in the TME: Clues from a trilogy of checkpoint inhibitor trials in nasopharyngeal cancer** *CANCER CELL*
Ma, B. B. Y., Le, Q.
2023; 41 (6): 1006-1008
- **NFE2L2 mutations enhance radioresistance in head and neck cancer by modulating intratumoral myeloid cells.** *Cancer research*
Guan, L., Nambiar, D. K., Cao, H., Viswanathan, V., Kwok, S., Hui, A. B., Hou, Y., Hildebrand, R., von Eyben, R., Holmes, B. J., Zhao, J., Kong, C. S., Wamsley, et al
2023
- **Aldehyde dehydrogenase 3A1 deficiency leads to mitochondrial dysfunction and impacts salivary gland stem cell phenotype.** *PNAS nexus*
Viswanathan, V., Cao, H., Saiki, J., Jiang, D., Mattingly, A., Nambiar, D., Bloomstein, J., Li, Y., Jiang, S., Chamoli, M., Sirjani, D., Kaplan, M., Holsinger, et al
2022; 1 (2): pgac056

- **De-escalating elective nodal irradiation for nasopharyngeal carcinoma.** *The Lancet. Oncology*
Miller, J. A., Beadle, B. M., Gensheimer, M. F., Le, Q.
2022
- **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
- **Current Treatment Landscape of Nasopharyngeal Carcinoma and Potential Trials Evaluating the Value of Immunotherapy** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Le, Q., Colevas, A., OSullivan, B., Lee, A. W. M., Lee, N., Ma, B., Siu, L. L., Waldron, J., Lim, C., Riaz, N., Lynn, J., Malik, S.
2019; 111 (7): 655–63
- **In Regard to Beadle and Anderson.** *International journal of radiation oncology, biology, physics*
Le, Q., Yom, S. S., Wee, J. T., Lee, A. W., Grau, C., Gregoire, V., Porceddu, S., Welch, J. J., Mehanna, H.
2018; 102 (1): 229–30
- **Clinical Utility of Epstein-Barr Virus DNA Testing in the Treatment of Nasopharyngeal Carcinoma Patients Reply** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Le, Q., Yom, S. S., Ng, R. H. W., Bratman, S. V., Welch, J. J., Chan, K., Kim, K. Y.
2017; 99 (5): 1307
- **Midtreatment metabolic imaging as a biomarker of treatment response**
Le, Q.
AMER ASSOC CANCER RESEARCH.2017
- **Formation of an international intergroup to coordinate clinical trials in head and neck cancers: HNCIG.** *Oral oncology*
Le, Q. T., Welch, J. J., Vermorken, J. B., Rischin, D., Mehanna, H.
2017; 71: 180-183
- **Neurotrophic Factors and Their Potential Applications in Tissue Regeneration.** *Archivum immunologiae et therapiae experimentalis*
Xiao, N., Le, Q.
2016; 64 (2): 89-99
- **Emerging Treatment Paradigms in Radiation Oncology.** *Clinical cancer research*
Le, Q., Shirato, H., Giaccia, A. J., Koong, A. C.
2015; 21 (15): 3393-3401
- **Galectin-1 mediates radiation-related lymphopenia and attenuates NSCLC radiation response.** *Clinical cancer research*
Kuo, P., Bratman, S. V., Shultz, D. B., von Eyben, R., Chan, C., Wang, Z., Say, C., Gupta, A., Loo, B. W., Giaccia, A. J., Koong, A. C., Diehn, M., Le, et al
2014; 20 (21): 5558-5569
- **Neurotrophic factor GDNF promotes survival of salivary stem cells.** *journal of clinical investigation*
Xiao, N., Lin, Y., Cao, H., Sirjani, D., Giaccia, A. J., Koong, A. C., Kong, C. S., Diehn, M., Le, Q.
2014; 124 (8): 3364-3377
- **A Novel Aldehyde Dehydrogenase-3 Activator (Alda-89) Protects Submandibular Gland Function from Irradiation without Accelerating Tumor Growth.** *Clinical cancer research*
Xiao, N., Cao, H., Chen, C., Kong, C. S., Ali, R., Chan, C., Sirjani, D., Graves, E., Koong, A., Giaccia, A., Mochly-Rosen, D., Le, Q.
2013; 19 (16): 4455-4464
- **Stereotactic radiosurgery for retreatment of gross perineural invasion in recurrent cutaneous squamous cell carcinoma of the head and neck.** *American journal of clinical oncology*
Tang, C., Fischbein, N. J., Murphy, J. D., Chu, K. P., Bavan, B., Dieterich, S., Hara, W., Kaplan, M. J., Colevas, A. D., Le, Q.
2013; 36 (3): 293-298
- **An international collaboration to harmonize the quantitative plasma Epstein-Barr virus DNA assay for future biomarker-guided trials in nasopharyngeal carcinoma.** *Clinical cancer research*
Le, Q., Zhang, Q., Cao, H., Cheng, A., Pinsky, B. A., Hong, R., Chang, J. T., Wang, C., Tsao, K., Lo, Y. D., Lee, N., Ang, K. K., Chan, et al

2013; 19 (8): 2208-2215

- **Prognostic and Predictive Significance of Plasma HGF and IL-8 in a Phase III Trial of Chemoradiation with or without Tirapazamine in Locoregionally Advanced Head and Neck Cancer** *CLINICAL CANCER RESEARCH*
Quynh-Thu Le, Q. T., Fisher, R., Oliner, K. S., Young, R. J., Cao, H., Kong, C., Graves, E., Hicks, R. J., McArthur, G. A., Peters, L., O'Sullivan, B., Giaccia, A., Rischin, et al
2012; 18 (6): 1798-1807
- **Palifermin Reduces Severe Mucositis in Definitive Chemoradiotherapy of Locally Advanced Head and Neck Cancer: A Randomized, Placebo-Controlled Study** *JOURNAL OF CLINICAL ONCOLOGY*
Le, Q., Kim, H. E., Schneider, C. J., Murakozy, G., Skladowski, K., Reinisch, S., Chen, Y., Hickey, M., Mo, M., Chen, M., Berger, D., Lizambri, R., Henke, et al
2011; 29 (20): 2808-2814
- **Tumor Galectin-1 Mediates Tumor Growth and Metastasis through Regulation of T-Cell Apoptosis** *CANCER RESEARCH*
Banh, A., Zhang, J., Cao, H., Bouley, D. M., Kwok, S., Kong, C., Giaccia, A. J., Koong, A. C., Le, Q.
2011; 71 (13): 4423-4431
- **Validation of Lysyl Oxidase As a Prognostic Marker for Metastasis and Survival in Head and Neck Squamous Cell Carcinoma: Radiation Therapy Oncology Group Trial 90-03** *JOURNAL OF CLINICAL ONCOLOGY*
Le, Q., Harris, J., Magliocco, A. M., Kong, C. S., Diaz, R., Shin, B., Cao, H., Trotti, A., Erler, J. T., Chung, C. H., Dicker, A., Pajak, T. F., Giaccia, et al
2009; 27 (26): 4281-4286
- **An evaluation of tumor oxygenation and gene expression in patients with early stage non-small cell lung cancers** *CLINICAL CANCER RESEARCH*
Le, Q. T., Chen, E., Salim, A., Cao, H. B., Kong, C. S., Whyte, R., Donington, J., Cannon, W., Wakelee, H., Tibshirani, R., Mitchell, J. D., Richardson, D., O'Byrne, et al
2006; 12 (5): 1507-1514
- **Hypoxia upregulates osteopontin expression in NIH-3T3 cells via a ras-activated enhancer** *ONCOGENE*
Zhu, Y. H., Denhardt, D. T., Cao, H. B., Sutphin, P. D., Koong, A. C., Giaccia, A. J., Le, Q. T.
2005; 24 (43): 6555-6563
- **A comparison study of different PCR assays in measuring circulating plasma Epstein-Barr virus DNA levels in patients with nasopharyngeal carcinoma** *CLINICAL CANCER RESEARCH*
Le, Q. T., Jones, C. D., Yau, T. K., Shirazi, H. A., Wong, P. H., Thomas, E. N., Patterson, B. K., Lee, A. W., Zehnder, J. L.
2005; 11 (16): 5700-5707
- **A noninvasive approach for assessing tumor hypoxia in xenografts: Developing a urinary marker for hypoxia** *CANCER RESEARCH*
Nelson, D. W., Cao, H. B., Zhu, Y. H., Sunar-Reeder, B., Choi, C. Y., Faix, J. D., Brown, J. M., Koong, A. C., Giaccia, A. J., Le, Q. T.
2005; 65 (14): 6151-6158
- **Phase I study of tirapazamine plus cisplatin/etoposide and concurrent thoracic radiotherapy in limited-stage small cell lung cancer (S0004): A Southwest Oncology Group Study** *CLINICAL CANCER RESEARCH*
Le, Q. T., McCoy, J., Williamson, S., Ryu, J., Gaspar, L. E., EDELMAN, M. J., Dakhil, S. R., Sides, S. A., Crowley, J. J., Gandara, D. R.
2004; 10 (16): 5418-5424
- **Therapeutic exploitation of the physiological and molecular genetic alterations in head and neck cancer** *CLINICAL CANCER RESEARCH*
Le, Q. T., Giaccia, A. J.
2003; 9 (12): 4287-4295
- **HIF-alpha, a gender independent transcription factor** *CLINICAL CANCER RESEARCH*
Le, Q. T., Giaccia, A. J.
2003; 9 (7): 2391-2393
- **Identification of osteopontin as a prognostic plasma marker for head and neck squamous cell carcinomas** *CLINICAL CANCER RESEARCH*
Le, Q. T., Sutphin, P. D., Raychaudhuri, S., Yu, S. C., Terris, D. J., Lin, H. S., Lum, B., Pinto, H. A., Koong, A. C., Giaccia, A. J.
2003; 9 (1): 59-67
- **Post-operative irradiation of minor salivary gland malignancies of the head and neck.** *Radiotherapy Oncology*
Le QT, Birdwell S, Terris DJ, Gabalski EC, Varghese A, Fee WE, Goffinet DR.

1999; 2 (52): 165-71

- **Alphavirus replicon expressing IL-12 reprograms tumor-associated macrophages and neutrophils and induces anti-tumor immunity**
Bowling, F., Ishikawa, M., Nambiar, D., Sastri, J., Ishimoto, K., Tao, F., Takahashi, K., Stepanek, I., Cao, H., Leitner, D., Matsuda, K., Baik, F., Sunwoo, et al
AMER ASSOC CANCER RESEARCH.2026
- **Advancing radiation oncology care in Ukraine during the war: impact of international observerships on professional development and clinical practice** *FRONTIERS IN ONCOLOGY*
Lozko, Y., Beznosenko, A., Suchowerska, N., Iakovenko, V., Zelinskyi, R., Shepil, Z., Brovchuk, S., Kowalchuk, R., Ford, E., Li, B., Strauss, J., Das, I. J., Seuntjens, et al
2026; 16: 1752691
- **Quality of life in patients with p16+ oropharyngeal cancer receiving accelerated radiotherapy with either cisplatin or cetuximab in the NRG/RTOG 1016 randomized controlled trial.** *International journal of radiation oncology, biology, physics*
Ringash, J., Torres-Saavedra, P. A., Gillison, M. L., Caudell, J. J., Adelstein, D. J., Harari, P. M., Sturgis, E. M., Basch, E., Koyfman, S. A., Krempl, G. A., Blakaj, D. M., Bates, J. E., Galloway, et al
2026
- **The KRAS-variant and cetuximab in HPV-positive oropharyngeal cancer - results from the NRG/RTOG 1016 trial.** *Cancer research communications*
Weidhaas, J. B., Harris, J., Gillison, M. L., Blakaj, D., Krempl, G. A., Higgins, K., Phan, J., Dunlap, N. E., Mahamood, S. T., Dorth, J., Caudell, J. J., Desai, A. B., Galloway, et al
2026
- **Erratum to Xiao Y, Benedict S, Cui Y, Glide-Hurst C, Graves S, Jia X, Kry F S, Li H, Lin L, Matuszak M, Newpower M, Paganetti H, Qi XS, Roncali E, Rong Y, Sgouros G, Simone 2nd CB, Sunderland JJ, Taylor PA, Tchelebi L, Weldon M, Zou JW, Wuthrick EJ, Machtay M, Le QT, Buchsbaum JC. Embracing the future of clinical trials in radiation therapy: an NRG oncology CIRO technology retreat whitepaper on pioneering technologies and AI-driven solutions. Int J of Radiat Oncol Biol Phys 2025;122;443-457.** *International journal of radiation oncology, biology, physics*
Xiao, Y., Benedict, S., Cui, Y., Glide-Hurst, C., Graves, S., Jia, X., Kry, S. F., Li, H., Lin, L., Matuszak, M., Newpower, M., Paganetti, H., Qi, et al
2026; 124 (2): 560
- **T1 Microscopic Oropharyngeal Carcinoma: Revealing the Unknown Primary Through Diagnostic TORS.** *Head & neck*
Holsinger, F. C., Bedi, N., Topf, M. C., Ernst, K. L., Holmes, B. J., Orosco, R. K., Le, Q. T., Colevas, A. D., Starmer, H. M., Beadle, B. M., Rahman, M.
2026
- **Lymph node colonization induces tissue remodeling via immunosuppressive fibroblast-myeloid cell niches supporting metastatic tolerance.** *Cancer cell*
Haist, M., Baertsch, M. A., Reticker-Flynn, N. E., Lu, G., Kempchen, T. N., Chu, P., Vazquez, G., Chen, H., Sunwoo, J. B., Zhang, W., Laseinde, E., Adami, B., Zimmer, et al
2026
- **Outcomes for Sinonasal Undifferentiated Carcinoma (SNUC): An International Multi-Center Retrospective Cohort Study.** *Cancers*
Liu, J., Takahashi, Y., Rehman, U., Turri-Zanoni, M., Mattavelli, D., Counsell, N., Ferrari, M., Rampinelli, V., Vermi, W., Lombardi, D., Saade, R., Park, K. W., Emanuel, et al
2026; 18 (3)
- **Update on Imaging of Nasopharyngeal Carcinoma.** *Radiologic clinics of North America*
Fischbein, N. J., Colevas, A. D., Le, Q. T., Pham, N.
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