
Publikationsliste 2024

[Targeting and engineering long non-coding RNAs for cancer therapy.](#)

Coan M, Haefliger S, Ounzain S, Johnson R.

Nat Rev Genet. 2024 Aug;25(8):578-595. doi: 10.1038/s41576-024-00693-2. Epub 2024 Feb 29. PMID: 38424237 Review.

[Treatment and related morbidity of nasal cavity and paranasal sinus cancers.](#)

Smaadahl N, Hool SL, Reinhardt P, Mose L, Hohenberger R, Giger R, Schanne DH, Anschuetz L.

Front Oncol. 2024 Sep 26;14:1422892. doi: 10.3389/fonc.2024.1422892. eCollection 2024. PMID: 39391250

[Patterns of lymph node involvement for oral cavity squamous cell carcinoma.](#)

Ludwig R, Werlen S, Barbatei D, Widmer L, Pouymayou B, Balermipas P, Elicin O, Dettmer M, Zrounba P, Giger R, Grégoire V, Schubert A, Unkelbach J.

Radiother Oncol. 2024 Nov;200:110474. doi: 10.1016/j.radonc.2024.110474. Epub 2024 Aug 14. PMID: 39128626

[Response to induction chemotherapy as a prognostic indicator in locally advanced head and neck squamous cell carcinoma.](#)

Huwylar F, Giger R, Bill R, Rauch D, Haefliger S.

J Cancer Res Clin Oncol. 2024 Dec 4;151(1):2. doi: 10.1007/s00432-024-06044-2. PMID: 39627558

[Editorial: Quality assurance and workflow optimization for the diagnosis and treatment of head and neck cancer.](#)

Elicin O, Hosal S.

Front Oncol. 2024 Oct 8;14:1497257. doi: 10.3389/fonc.2024.1497257. eCollection 2024. PMID: 39439961

[Predictive biomarkers of radiotherapy- related dermatitis, xerostomia, mucositis and dysphagia in head and neck cancer: A systematic review.](#)

Koch A, Reinhardt P, Elicin O, Aebersold DM, Schanne DH.

Radiother Oncol. 2025 Feb;203:110689. doi: 10.1016/j.radonc.2024.110689. Epub 2024 Dec 18. PMID: 39706342

[Modelling the lymphatic metastatic progression pathways of OPSCC from multi-institutional datasets.](#)

Ludwig R, Schubert AD, Barbatei D, Bauwens L, Hoffmann JM, Werlen S, Elicin O, Dettmer M, Zrounba P, Pouymayou B, Balermipas P, Grégoire V, Giger R, Unkelbach J.

Sci Rep. 2024 Jul 8;14(1):15750. doi: 10.1038/s41598-024-66012-1. PMID: 38977731

[A deep learning framework deploying segment anything to detect pan-cancer mitotic figures from haematoxylin and eosin-stained slides.](#)

Shen Z, Simard M, Brand D, Andrei V, Al-Khader A, Oumlil F, Trevers K, Butters T, Haefliger S, Kara E, Amariy F, Tirabosco R, Cool P, Royle G, Hawkins MA, Flanagan AM, Collins-Fekete CA.

Commun Biol. 2024 Dec 19;7(1):1674. doi: 10.1038/s42003-024-07398-6. PMID: 39702417

[A multi-centric dataset on patient-individual pathological lymph node involvement in head and neck squamous cell carcinoma.](#)

Ludwig R, Schubert A, Barbatei D, Bauwens L, Werlen S, Elicin O, Dettmer M, Zrounba P, Balermipas P, Pouymayou B, Grégoire V, Giger R, Unkelbach J.

Data Brief. 2023 Dec 29;52:110020. doi: 10.1016/j.dib.2023.110020. eCollection 2024 Feb. PMID: 38293584

[Oncologic outcome with versus without target volume compartmentalization in postoperative radiotherapy for oral cavity squamous cell carcinoma.](#)

Riggenbach E, Waser M, Mueller SA, Aebersold DM, Giger R, Elicin O.

Front Oncol. 2024 Mar 25;14:1362025. doi: 10.3389/fonc.2024.1362025. eCollection 2024.PMID: 38590644

[Population pharmacokinetics of TLD-1, a novel liposomal doxorubicin, in a phase I trial.](#)

Mc Laughlin AM, Hess D, Michelet R, Colombo I, Haefliger S, Bastian S, Rabaglio M, Schwitter M, Fischer S, Eckhardt K, Hayoz S, Kopp C, Klose M, Sessa C, Stathis A, Halbherr S, Huisinga W, Joerger M, Kloft C.

Cancer Chemother Pharmacol. 2024 Sep;94(3):349-360. doi: 10.1007/s00280-024-04679-z. Epub 2024 Jun 15.PMID: 38878207

[Assessing the metastatic potential of circulating tumor cells using an organ-on-chip model.](#)

Schmid KF, Zeinali S, Moser SK, Dubey C, Schneider S, Deng H, Haefliger S, Marti TM, Guenat OT.

Front Bioeng Biotechnol. 2024 Oct 8;12:1457884. doi: 10.3389/fbioe.2024.1457884. eCollection 2024.PMID: 39439549

[Expert perspectives for transoral robotic versus laser surgery for supraglottic carcinomas.](#)

Loubieres C, Hans S, Lechien JR, Ansarin M, Atallah S, Barbut J, Bizeau A, Burkey B, Céruse P, Choussy O, Couineau F, De Mones Del Pujol E, Dolivet G, Fakhry N, Garrel R, Giger R, Golusiński W, Gorphe P, Lorentz C, Malard O, Meccariello G, Morinière S, Pellini R, Saroul N, Tagliabue M, Vergez S, Vilaseca I, Villeneuve A, Baudouin R.

Eur Arch Otorhinolaryngol. 2025 Feb;282(2):907-917. doi: 10.1007/s00405-024-09070-5. Epub 2024 Nov 28.PMID: 39604555

[Reirradiation of head and neck squamous cell carcinomas: a pragmatic approach-part I: prognostic factors and indications to treatment.](#)

Alterio D, Zaffaroni M, Bossi P, Dionisi F, Elicin O, Falzone A, Ferrari A, Jereczek-Fossa BA, Sanguineti G, Szturz P, Volpe S, Scricciolo M.

Radiol Med. 2024 Jan;129(1):160-173. doi: 10.1007/s11547-023-01713-7. Epub 2023 Sep 20.PMID: 37731151

[TLD-1, a novel liposomal doxorubicin, in patients with advanced solid tumors: Dose escalation and expansion part of a multicenter open-label phase I trial \(SAKK 65/16\).](#)

Colombo I, Koster KL, Holzer L, Haefliger S, Rabaglio M, Bastian S, Schwitter M, Eckhardt K, Hayoz S, Mc Laughlin AM, Kloft C, Klose M, Halbherr S, Baumgartner C, Sessa C, Stathis A, Hess D, Joerger M. Eur J

Cancer. 2024 Apr;201:113588. doi: 10.1016/j.ejca.2024.113588. Epub 2024 Feb 2.PMID: 38377773

[Organs-at-risk dose and normal tissue complication probability with dynamic trajectory radiotherapy \(DTRT\) for head and neck cancer.](#)

Bertholet J, Mackeprang PH, Loebner HA, Mueller S, Guyer G, Frei D, Volken W, Elicin O, Aebersold DM, Fix MK, Manser P.

Radiother Oncol. 2024 Jun;195:110237. doi: 10.1016/j.radonc.2024.110237. Epub 2024 Mar 20.PMID: 38513960

[Effect of dose to parotid ducts on Sticky Saliva and Xerostomia in radiotherapy of head and neck squamous cell carcinoma.](#)

Schanne DH, Alder DU, Lippmann J, Aebersold DM, Elicin O.

Radiat Oncol. 2024 Aug 2;19(1):104. doi: 10.1186/s13014-024-02495-6.PMID: 39095864

[Consideration of image guidance in patterns of failure analyses of intensity-modulated radiotherapy for head and neck cancer: a systematic review.](#)

Mackeprang PH, Bryjova K, Heusel AE, Henzen D, Scricciolo M, **Elicin O**; EORTC Head & Neck Young Investigators Group.

Radiat Oncol. 2024 Mar 5;19(1):30. doi: 10.1186/s13014-024-02421-w.PMID: 38444011

[Robustness analysis of dynamic trajectory radiotherapy and volumetric modulated arc therapy plans for head and neck cancer.](#)

Loebner HA, Bertholet J, Mackeprang PH, Volken W, **Elicin O**, Mueller S, Guyer G, Aebersold DM, Stamparoni MFM, Fix MK, Manser P. Phys Imaging Radiat Oncol. 2024 May 10;30:100586. doi:

10.1016/j.phro.2024.100586. eCollection 2024 Apr.PMID: 38808098

[Therapy-Associated Saliva and Taste change Evaluation \(TASTE\) in head & neck cancer patients undergoing radiotherapy: a study protocol.](#)

Dietze A, Neyer PJ, Speth MM, Metzler P, **Elicin O**, Balermipas P, Aebersold DM, Riesterer O, Stieb S.

BMC Cancer. 2024 Jul 18;24(1):865. doi: 10.1186/s12885-024-12497-y.PMID: 39026163

[Correction to: Patterns of airway obstruction of non-acquired origin in children with and without major congenital anomalies.](#)

Dias RG, **Giger R**, Latzin P, Riva T, Casaulta C, Ulmer F, Jaquet Y, Nisa L.

Eur J Pediatr. 2024 Oct;183(10):4593. doi: 10.1007/s00431-024-05644-x.PMID: 39120700

[The clinical acceptability of short versus long duration acquisitions for head and neck cancer using long-axial field-of-view PET/CT: a retrospective evaluation.](#)

Mei R, Pyka T, Sari H, Fanti S, Afshar-Oromieh A, **Giger R**, Caobelli F, Rominger A, Alberts I.

Eur J Nucl Med Mol Imaging. 2024 Apr;51(5):1436-1443. doi: 10.1007/s00259-023-06516-6. Epub 2023 Dec 14.PMID: 38095670