

Publikationen 2004

Originalarbeiten (16)

Ataman F, Poortmans P, **Davis Jacques Bernard**, Bernier J, Giraud J-Y, Kouloulis VE, Pierart M and Bolla M. High conformality radiotherapy in Europe: thirty-one centres participating in the quality assurance programme of the EORTC prostate trial 22991. Eur J Cancer 2004; 40, Nr. 16: 2411-2416 (ISSN 0959-8049).

Baumert BG, Infanger M, **Reiner Beatrice** and **Davis Jacques Bernard**. A novel technique using customised templates for the application of fractionated interstitial HDR brachytherapy to the tumour bed in soft-tissue sarcomas located in the extremities. Clin Oncol (R Coll Radiol) 2004; 16, Nr. 7: 457-460 (ISSN 0936-6555).

Baumert BG, **Norton Ian A**, Lomax AJ and **Davis Jacques Bernard**. Dose conformation of intensity-modulated stereotactic photon beams, proton beams, and intensity-modulated proton beams for intracranial lesions. Int J Radiat Oncol Biol Phys 2004; 60, Nr. 4: 1314-1324 (ISSN 0360-3016).

Baumert BG, Villà S, Studer G, Mirimanoff R-O, **Davis Jacques Bernard**, Landau K, Ducrey N, Arruga J, Lambin P and Pica A. Early improvements in vision after fractionated stereotactic radiotherapy for primary optic nerve sheath meningioma. Radiother Oncol 2004; 72, Nr. 2: 169-174 (ISSN 0167-8140).

Belka C, Jendrossek V, **Pruschy Martin**, Vink S, Verheij M and Budach W. Apoptosis-modulating agents in combination with radiotherapy - current status and outlook. Int J Radiat Oncol Biol Phys 2004; 58, Nr. 2: 542-554 (ISSN 0360-3016).

Huguenin Pia U, Beer KT, Allal A, Rufibach K, Friedli C, **Davis Jacques Bernard**, Pestalozzi B, Schmid S, Thöni A, Ozsahin M, Bernier J, Töpfer M, Kamm R, Meier UR, Thum P, Bieri S, Notter M, Lombriser N and **Glanzmann Christoph**. Concomitant cisplatin significantly improves locoregional control in advanced head and neck cancers treated with hyperfractionated radiotherapy. J Clin Oncol 2004; 22, Nr. 23: 4613-4621 (ISSN 0732-183X).

Kouloulias VE, Giraud J-Y, **Davis Jacques Bernard**, Dusserre A, Zurlo A and Bolla M. Quality assurance of the 22961 EORTC trial. A phase III study of the optimal combination of hormonal adjuvant treatment by LHRH analogue and radiation therapy for the management of locally advanced prostate cancer: the dummy run. *Radiother Oncol* 2004; 73, Nr. 1: 11-20 (ISSN 0167-8140).

Meier S, **Baumert Brigitta G**, Maier T, Wellis G, Burg G, Seifert B and Dummer R. Survival and prognostic factors in patients with brain metastases from malignant melanoma. *Onkologie* 2004; 27, Nr. 2: 145-149 (ISSN 0378-584X).

Ohgaki H, Dessen P, Jourde B, Horstmann S, Nishikawa T, Di Patre P-L, Burkhard C, Schüler D, Probst-Hensch NM, César Maiorka P, Baeza N, Pisani P, Yonekawa Y, Gazi Yasargil M, **Lütolf Urs-Martin** and Kleihues P. Genetic pathways to glioblastoma: a population-based study. *Cancer Res* 2004; 64: 6892-6899 (ISSN 0008-5472).

Okamoto Y, Di Patre P-L, Burkhard C, Horstmann S, Jourde B, Fahey M, Schüler D, Probst-Hensch NM, Gazi Yasargil M, Yonekawa Y, **Lütolf Urs-Martin**, Kleihues P and Ohgaki H. Population-based study on incidence, survival rates, and genetic alterations of low-grade diffuse astrocytomas and oligodendrogliomas. *Acta Neuropathol* 2004; 108, Nr. 1: 49-56 (ISSN 0001-6322).

Riesterer Oliver, Tenzer Angela, Zingg Daniel, Hofstetter Barbara, Vuong Van, Pruschy Martin and Bodis S. Novel radiosensitizers for locally advanced epithelial tumors: inhibition of the PI3K/akt survival pathway in tumor cells and in tumor-associated endothelial cells as a novel treatment strategy? *Int J Radiat Oncol Biol Phys* 2004; 58, Nr. 2: 361-368 (ISSN 0360-3016).

Riesterer Oliver, Zingg Daniel, Hummerjohann J, Bodis S and **Pruschy Martin**. Degradation of PKB/akt protein by inhibition of the VEGF receptor / mTOR pathway in endothelial cells. *Oncogene* 2004; 23, Nr. 26: 4624-4635 (ISSN 0950-9232).

Studer Gabriela, Grätz KW and **Glanzmann Christoph**. Osteoradionecrosis of the mandibula in patients treated with different fractionations. *Strahlenther Onkol* 2004; 180, Nr. 4: 233-240 (ISSN 0179-7158).

Tenzer Angela, Hofstetter Barbara, Sauser C, Bodis S, Schubiger AP, Bonny C and **Pruschy Martin**. Profiling treatment-specific post-translational modifications in a complex proteome with subtractive substrate phage display. *Proteomics* 2004; 4: 2796-2804 (ISSN 1615-9853).

Wiesendanger Esther, Clarke S, Kraftsik R and Tardif E. Topography of cortico-striatal connections in man: anatomical evidence for parallel organization. Eur J Neurosci 2004; 20, Nr. 7: 1915-1922 (ISSN 0953-816X).

Zingg Daniel, Riesterer Oliver, Fabbro D, **Glanzmann Christoph**, Bodis S and **Pruschy Martin**. Differential activation of the phosphatidylinositol 3'-kinase/akt survival pathway by ionizing radiation in tumor and primary endothelial cells. Cancer Res 2004; 64: 5398-5406 (ISSN 0008-5472).

Uebersichtsartikel (Reviews) (1)

Ciernik Ilja F. Die radioonkologische Therapie des Rektumkarzinoms. Praxis 2004; 93: 1441-1446 (ISSN 0369-8394).

Vorträge (33)

Baumert BG, **Norton Ian A**, Lomax AJ and **Davis Jacques Bernard** (2004) Intensity modulated photon and proton beams for stereotactic irradiation of skull base lesions. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.3.04.

Bodis S, Lutters G, Krek W and **Pruschy Martin** (2004) Molecular targeting in solid tumors: is there a role of combining gene-therapy and conformal radiotherapy? 10th Varian European Users Meeting Sp-Malaga, 05.-08.05.04.

Bodis S, Lutters G, Krek W and **Pruschy Martin** (2004) Radio-genetherapy: some principles, little practice. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Ciernik Ilja F (2004) Onkologische Präzisionstherapie - gewusst wo. Antrittsvorlesung Universität Zürich, 05.01.2004.

Ciernik Ilja F, Davis Jacques Bernard, Von Schulthess GK, Szekeley G and **Lütolf Urs-Martin** (2004) Automatic positron-emission tomography (PET)-based target volume delineation for the purpose of IMRT. 10th Varian European Users Meeting Sp-Malaga, 05.-08.05.04.

Ciernik Ilja F, Huser Marius, Burger C, Szekely G and **Davis Jacques Bernard** (2004) FDG-PET based automated treatment planning for preoperative radiation therapy of rectal carcinoma. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Ciernik Ilja F, Stanek N and Taverna C (2004) Consolidating radiation therapy of non-hodgkin lymphoma following autologous bone marrow transplantation. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Davis Jacques Bernard (2004) FDG-PET imaging for target volume definition (invited lecture). ESTRO Meeting on Clinical and Experimental Research in Radiation Oncology (CERRO) F-Les Menuires, 17.-24.01.04.

Davis Jacques Bernard (2004) In-vitro volume assessment of 18-F-PET signals for use in functional image-based radiotherapy treatment planning (invited lecture). Seminar evening MAASTRO Clinic University of NL-Maastricht, 01.09.04.

Davis Jacques Bernard (2004) Towards quantifying FDG uptake in PET/CT scanning for target volume definition (invited lecture). 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Dossenbach Thomas (2004) Grundsätze der Bestrahlungsplanung und ihre Anwendung, CT-Planung. Vortrag im Rahmen des Weiterbildungsmoduls der SVMTRA (Schweiz. Vereinigung der Fachleute für med. techn. Radiologie) in Grundlagen der Radiotherapie-Planung am Kantonsspital Luzern, 15.10.04.

Dossenbach Thomas (2004) Grundsätze der Bestrahlungsplanung und ihre Anwendung, CT-Plan-Optimierung. Vortrag im Rahmen des Weiterbildungsmoduls der SVMTRA (Schweiz. Vereinigung der Fachleute für med. techn. Radiologie) in Grundlagen der Radiotherapie-Planung am Kantonsspital Luzern, 19.11.04.

Dossenbach Thomas and Faessler P (2004) Grundsätze der Bestrahlungsplanung und ihre Anwendung, angrenzende Felder. Vortrag im Rahmen des Weiterbildungsmoduls der SVMTRA (Schweiz. Vereinigung der Fachleute für med. techn. Radiologie) in Grundlagen der Radiotherapie-Planung am Kantonsspital Luzern, 20.11.04.

Greiner R, Mahler F, Landmann C, **Studer Gabriela**, Bernier J and Gallino A (2004) Effect of ProbucoI and EVBT: restenosis after PTA of femoropopliteal arteries: a randomized multicenter trial. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Greiner RH, Mahler F, Landmann C, **Lütolf Urs-Martin**, Bernier J and Gallino A (2004) Effect of probucoI and EVBT on restenosis after PTA of femoropopliteal arteries: a randomized multicenter trial. 2nd ESTRO Meeting on Radiotherapy for Non-Malignant Diseases F-Nice, 01.-03.04.04.

Heuberger Jürg, Kestenholz P, Taverna C, Lardinois D, Jäger M, Schneiter D, Lardinois D, Jerman M, Weder W, Stahel R and Bodis S (2004) Postoperative radiotherapy (prt) for malignant pleural mesothelioma (mpm): outcome and pattern of failure. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Hofstetter Barbara, **Vuong Van**, **Tenzer Angela**, Wartmann M, Fabbro D, Bodis S, Folkers G and **Pruschy Martin** (2004) Multidrug-resistant tumors treated with EPO906 in combination with ionizing radiation. 8th International Wolfsberg Meeting on Molecular Radiation Biology / Oncology Ermatingen, 26.-28.06.04.

Lütolf Urs-Martin (2004) Krebsbehandlung heute: Verstehen und Lenken. Referat anlässlich der Verleihung des Anerkennungspreises 2004 der Krebsliga des Kantons Zürich Zürich, 03.11.04.

Lütolf Urs-Martin (2004) PET-CT in der Radiotherapie unter besonderer Berücksichtigung gynäkologischer Tumoren. 10 Jahre PET am UniversitätsSpital Zürich - Tumor- und Entzündungsdiagnostik mit PET und PET-CT UniversitätsSpital Zürich, 22.04.04.

Lütolf Urs-Martin (2004) Präoperative Radiotherapie: als Kurz-Schema (**Ciernik Ilja**) versus als Lang-Schema (Zwahlen Daniel): Moderator: **Lütolf Urs-Martin**. Interdisziplinärer Approach "Neue Strategien beim Kolon- und Rektum-Karzinom" (Organisation Klinik für Viszeral- und Transplantationschirurgie, Abteilung für Gastroenterologie und Hepatologie, Klinik und Poliklinik für Onkologie, Klinik und Poliklinik für Radio-Onkologie des USZ) ConventionPoint (Neue Börse) Zürich, 21.10.04.

Lütolf Urs-Martin (2004) Ueberblick über die radio-onkologischen Verfahren. Schulungstag für Physio-Uebungsgruppenleiterinnen USZ, 05.05.04.

Lutters G, Schoenmaker E, Kraysenbühl J and **Davis Jacques Bernard** (2004) Implementation of the radcalc programme for checking monitor unit calculations. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Oehler Christoph, Ulmer Ulrich, Lütolf Urs-Martin and **Ciernik Ilja F** (2004) Combined modality treatment in HIV-positive patients with anal cancer. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Pruschy Martin (2004) Ionising radiation and inhibition of angiogenesis: preclinical evaluation in murine tumor models (invited lecture). 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology) NL-Amsterdam, 24.-28.10.04.

Pruschy Martin (2004) Molekulare Konzepte der kombinierten Radiochemotherapie. Antrittsvorlesung Universität Zürich, 19.01.2004.

Pruschy Martin (2004) Neue Konzepte der kombinierten Radiochemotherapie. Universitätsklinik Eppendorf D-Hamburg, April 04.

Pruschy Martin (2004) Protein kinase inhibitors and radiotherapy: a promising area for combined treatment modalities. 26. Deutscher Krebskongress D-Berlin, 27.02.-01.03.04.

Pruschy Martin (2004) Radio-Onkologie auf molekularer Ebene: wohin zielen ionisierende Strahlen? Senioren-Universität Winterthur, Juni 04.

Riesterer Oliver, Honer M, Vuong Van, Jochum W, Zingg Daniel, Bodis S, Ametamey S and **Pruschy Martin** (2004) Ionizing radiation and inhibition of angiogenesis: preclinical evaluation in murine tumor models. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Riesterer Oliver, Oehler Christoph, Zingg Daniel, Vuong Van, Broggini-Tenzer Angela, Fabbro D, Bodis S and **Pruschy Martin** (2004) Optimization of novel antiangiogenic treatment modalities in combination with ionizing radiation. 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology) NL-Amsterdam, 24.-28.10.04.

Tenzer Angela, Hofstetter Barbara, Bonny C, Bodis S and **Pruschy Martin** (2004) Substrate phage display: screening-approach for posttranslational peptide modifications in a complex proteome. 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology) Luzern, 11.-13.03.04.

Tenzer Angela, Hofstetter Barbara, Sauser C, Bodis S, Bonny C and **Pruschy Martin** (2004) Substrate phage display: screening-approach for radiation-induced posttranslational peptide modifications in a complex proteome. 8th International Wolfsberg Meeting on Molecular Radiation Biology / Oncology Ermatingen, 26.-28.06.04.

Thirion P and **Riesterer Oliver** (2004) Issues and controversies in phase I clinical trials combining new biological targeted drugs with radiation. 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology) NL-Amsterdam, 24.-28.10.04.

Beiträge in Kongress-, Tagungs- und Workshopbänden (Proceedings) (33)

Ataman F, Poortmans P, Bartelink H, Horiot J, Collette L, **Davis Jacques Bernard**, Pierart M and Van Tienhoven G. Quality assurance in the EORTC phase III randomised "boost versus no boost" trial in breast conserving therapy: evaluation and comparison of the two individual case reviews done at the beginning and at the end of the accrual period. Posterpräsentation (Nr. 579) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. *Radiother Oncol* 2004; 73, Suppl. 1: 255 (ISSN 0167-8140).

Ataman F, Poortmans P, Giraud J, **Davis Jacques Bernard**, Maingon P, Conil M, Van den Bergh F and Bolla M. Quality assurance in the EORTC trial 22991: the dummy run. Posterpräsentation (Nr. 981) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. *Radiother Oncol* 2004; 73, Suppl. 1: 414 (ISSN 0167-8140).

Ataman F, Poortmans P, Van den Bergh F, **Davis Jacques Bernard**, Giraud J, Maingon P and Bolla M. Quality assurance in the EORTC trial 22991: the individual case review. Posterpräsentation (Nr. 999) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. *Radiother Oncol* 2004; 73, Suppl. 1: 421 (ISSN 0167-8140).

Baumert BG, **Norton Ian A**, Lomax AJ and **Davis Jacques Bernard**. Intensity modulated photon and proton beams for stereotactic irradiation of skull base lesions. Abstract (Nr. P8) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 104 (ISSN 0179-7158).

Bodis S, Lutters G, Krek W and **Pruschy Martin**. Molecular targeting in solid tumors: is there a role of combining gene-therapy and conformal radiotherapy? Proceedings-Book 10th Varian European Users Meeting, Sp-Malaga, 05.-08.05.04, 2004: 122-126 (ISBN 3-909049-06-0).

Bodis S, Lutters G, Krek W and **Pruschy Martin**. Radio-genetherapy: some principles, little practice. Abstract (Nr. B5) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 92 (ISSN 0179-7158).

Broggini-Tenzer Angela, Hofstetter Barbara, Sauser C, Bodis S, Schubiger P, Bonny C and **Pruschy Martin**. Substrate phage display: screening-approach for radiation-induced posttranslational peptide modifications in a complex proteome. Posterpräsentation (Nr. 88) 16th EORTC-NCI-AACR-Symposium on Molecular Targets and Cancer Therapeutics, Geneva, 28.09.-01.10.04. Eur J Cancer 2004; 2, Nr. 8 (Suppl.): 29-30 (ISSN 1359-6349).

Ciernik Ilja F, Davis Jacques Bernard, Von Schulthess GK, Szekely G and **Lütolf Urs-Martin**. Automatic positron-emission tomography (PET)-based target volume delineation for the purpose of IMRT. Proceedings-Book 10th Varian European Users Meeting, Sp-Malaga, 05.-08.05.04, 2004: 148-152 (ISBN 3-909049-06-0).

Ciernik Ilja F, Huser Marius, Burger C, Szekely G and **Davis Jacques Bernard**. FDG-PET based automated treatment planning for preoperative radiation therapy of rectal carcinoma. Abstract (Nr. M25) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 100 (ISSN 0179-7158).

Ciernik Ilja F, Stanek N and Taverna C. Consolidating radiation therapy of non-hodgkin lymphoma following autologous bone marrow transplantation. Abstract (Nr. M4) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 94 (ISSN 0179-7158).

Davis Jacques Bernard. Towards quantifying FDG uptake in PET/CT scanning for target volume definition (invited lecture). Abstract (Nr. IS4) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04.

Forrer C, **Hofstetter Barbara, Pruschy Martin** and **Ciernik Ilja F.** Treatment with demethylating agent 5-Aza-2'-Deoxy-Cytidine (DAC) leads to enhanced sensitivity to ionizing radiation (IR) in colorectal carcinoma. Posterpräsentation (Nr. 868) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. *Radiother Oncol* 2004; 73, Suppl. 1: 369-370 (ISSN 0167-8140).

Greiner R, Mahler F, Landmann C, **Studer Gabriela,** Bernier J and Gallino A. Effect of Probucol and EVBT: restenosis after PTA of femoropopliteal arteries: a randomized multicenter trial. Abstract (Nr. M5) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. *Strahlenther Onkol* 2004; 180, Sondernr. 1: 94 (ISSN 0179-7158).

Greiner RH, Mahler F, Landmann C, **Lütolf Urs-Martin,** Bernier J and Gallino A. Effect of probucol and EVBT on restenosis after PTA of femoropopliteal arteries: a randomized multicenter trial. Abstract (Nr. 45) 2nd ESTRO Meeting on Radiotherapy for Non-Malignant Diseases, F-Nice, 01.-03.04.04. *Radiother Oncol* 2004; 71, Suppl. 1: 20 (ISSN 0167-8140).

Heuberger Jürg, Kestenholz P, Taverna C, Lardinois D, Jäger M, Schneiter D, Lardinois D, Jerman M, Weder W, Stahel R and Bodis S. Postoperative radiotherapy (prt) for malignant pleural mesothelioma (mpm): outcome and pattern of failure. Abstract (Nr. M1) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. *Strahlenther Onkol* 2004; 180, Sondernr. 1: 93 (ISSN 0179-7158).

Heuberger Jürg, Taverna C, Kestenholz P, Lardinois D, Schneiter D, Jerman M, **Ciernik Ilja F,** Weder W, Stahel R and Bodis S. Postoperative radiotherapy (PRT) for malignant pleural mesothelioma (MPM): feasibility and pattern of failure. Posterpräsentation (Nr. 818) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. *Radiother Oncol* 2004; 73, Suppl. 1: 350 (ISSN 0167-8140).

Hofstetter Barbara, Vuong Van, Broggin-Tenzer Angela, Wartmann M, Fabbro D, Bodis S, Folkers G and **Pruschy Martin**. Multidrug-resistant tumors treated with Etoposide in combination with clinically relevant doses of ionizing radiation. Posterpräsentation (Nr. 537) 16th EORTC-NCI-AACR-Symposium on Molecular Targets and Cancer Therapeutics, Geneva, 28.09.-01.10.04. Eur J Cancer 2004; 2, Nr. 8 (Suppl.): 163-164 (ISSN 1359-6349).

Hofstetter Barbara, Vuong Van, Tenzer Angela, Wartmann M, Fabbro D, Bodis S, Folkers G and **Pruschy Martin**. Multidrug-resistant tumors treated with EPO906 in combination with ionizing radiation. Proffered paper (Nr. PPI.3) im Teil Topic I "Radiation-Induced Cellular Response Mechanisms: Cell Cycle Control and Signal Transduction". Abstract-Book Proceedings of the 8th International Wolfsberg Meeting on Molecular Radiation Biology / Oncology, Ermatingen, 26.-28.06.04, 2004; Vol. 5: 42 (ISBN 3-9808819-1-1).

Krayenbuehl J, Lutters GR, Schoenmake E and **Davis Jacques Bernard**. IMRT dose verification: use of the RadCalc software for independent MU calculation. Posterpräsentation (Nr. 795) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. Radiother Oncol 2004; 73, Suppl. 1: 342 (ISSN 0167-8140).

Lutters G, Schoenmaker E, Krayenbühl J and **Davis Jacques Bernard**. Implementation of the radcalc programme for checking monitor unit calculations. Abstract (Nr. P10) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 104 (ISSN 0179-7158).

Oehler Christoph, Ulmer Ulrich, Lütolf Urs-Martin and **Ciernik Ilja F**. Combined modality treatment in HIV-positive patients with anal cancer. Abstract (Nr. M24) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 100 (ISSN 0179-7158).

Pruschy Martin. Ionising radiation and inhibition of angiogenesis: preclinical evaluation in murine tumor models (invited lecture). Abstract (Nr. 448) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. Radiother Oncol 2004; 73, Suppl. 1: 201 (ISSN 0167-8140).

Pruschy Martin. Protein kinase inhibitors and radiotherapy: a promising area for combined treatment modalities. Abstract (Nr. IS139) 26. Deutscher Krebskongress, D-Berlin, 27.02.-01.03.04. J Cancer Res Clin Oncol 2004; 130, Suppl.: 28 (ISSN 0171-5216).

Riesterer Oliver, Honer M, **Oehler Christoph**, Djonov V, Ametamey S, Bodis S and **Pruschy Martin**. Modulation of tumor hypoxia in response to treatment with ionizing radiation and the VEGFR inhibitor PTK787/ZK222584. Posterpräsentation (Nr. 647) 16th EORTC-NCI-AACR-Symposium on Molecular Targets and Cancer Therapeutics, Geneva, 28.09.-01.10.04. Eur J Cancer 2004; 2, Nr. 8 (Suppl.): 195 (ISSN 1359-6349).

Riesterer Oliver, Honer M, **Oehler Christoph**, Djonov V, Bodis S, Jochum W, Ametamey S and **Pruschy Martin**. Modulation of tumor hypoxia in response to treatment with ionizing radiation and the VEGFR-inhibitor PTK 787 / ZK 222584. Posterpräsentation (Nr. 760) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. Radiother Oncol 2004; 73, Suppl. 1: 328 (ISSN 0167-8140).

Riesterer Oliver, Honer M, **Vuong Van**, Jochum W, **Zingg Daniel**, Bodis S, Ametamey S and **Pruschy Martin**. Ionizing radiation and inhibition of angiogenesis: preclinical evaluation in murine tumor models. Abstract (Nr. B2) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 91 (ISSN 0179-7158).

Riesterer Oliver, Honer M, **Vuong Van**, Jochum W, **Zingg Daniel**, **Oehler Christoph**, Ametamey S, Bodis S and **Pruschy Martin**. Ionizing radiation and inhibition of angiogenesis: preclinical evaluation in murine tumor models. Posterpräsentation (Nr. PIII.7) in der Poster Session Topic III "Microenvironment and biological imaging". Abstract-Book Proceedings of the 8th International Wolfsberg Meeting on Molecular Radiation Biology / Oncology, Ermatingen, 26.-28.06.04, 2004; Vol. 5: 77 (ISBN 3-9808819-1-1).

Riesterer Oliver, **Oehler Christoph**, **Zingg Daniel**, **Vuong Van**, **Broggini-Tenzer Angela**, Fabbro D, Bodis S and **Pruschy Martin**. Optimization of novel antiangiogenic treatment modalities in combination with ionizing radiation. Abstract (Nr. 337) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. Radiother Oncol 2004; 73, Suppl. 1: 152-153 (ISSN 0167-8140).

Riesterer Oliver, **Oehler Christoph**, **Zingg Daniel**, **Vuong Van**, **Broggini-Tenzer Angela**, Fabbro D, Bodis S and **Pruschy Martin**. Optimization of novel antiangiogenic treatment modalities in combination with ionizing radiation. Posterpräsentation (Nr. 653) 16th EORTC-NCI-AACR-Symposium on Molecular Targets and Cancer Therapeutics, Geneva, 28.09.-01.10.04. Eur J Cancer 2004; 2, Nr. 8 (Suppl.): 197 (ISSN 1359-6349).

Rufibach K, Taussky D, **Huguenin Pia U** and Allal AS. Risk factors for developing a second aerodigestive cancer after radiotherapy with or without chemotherapy for head and neck cancer: an exploratory outcome analysis. Poster (Nr. MP2) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 106 (ISSN 0179-7158).

Tenzer Angela, Hofstetter Barbara, Bonny C, Bodis S and **Pruschy Martin**. Substrate phage display: screening-approach for posttranslational peptide modifications in a complex proteome. Abstract (Nr. B7) 8th Annual Meeting of SASRO (Scientific Association of Swiss Radiation Oncology), Luzern, 11.-13.03.04. Strahlenther Onkol 2004; 180, Sondernr. 1: 92 (ISSN 0179-7158).

Tenzer Angela, Hofstetter Barbara, Sauser C, Bodis S, Bonny C and **Pruschy Martin**. Substrate phage display: screening-approach for radiation-induced posttranslational peptide modifications in a complex proteome. Proffered paper (Nr. PIV.14) im Teil Topic IV " Molecular targeting in radiation oncology: hope or illusion?" Abstract-Book Proceedings of the 8th International Wolfsberg Meeting on Molecular Radiation Biology / Oncology, Ermatingen, 26.-28.06.04, 2004; Vol. 5: 97 (ISBN 3-9808819-1-1).

Thirion P and **Riesterer Oliver**. Issues and controversies in phase I clinical trials combining new biological targeted drugs with radiation. Abstract (Nr. 301) 23rd Annual Meeting of ESTRO (European Society for Therapeutic Radiology and Oncology), NL-Amsterdam, 24.-28.10.04. Radiother Oncol 2004; 73, Suppl. 1: 136-137 (ISSN 0167-8140).

Buchbeiträge (1)

Ciernik Ilja F and Lawrence TS. Radiation therapy for liver tumors in: Clavien P-A, Fong Y, Lysterly HK, Morse MA and Venook AP (eds.) Malignant liver tumors: current and emerging therapies. London, GB / Mississauga, Canada; Jones and Bartlett Publishers, second edition, 2004: 101-109 (Chapter 7) (ISBN 0-7637-1857-2).

Beiträge in Tages- und Wochenzeitungen (3)

Huguenin Pia U, Bieri S and **Lütolf Urs-Martin**. Weiterbildungskonzept der Schweizerischen Gesellschaft für Radio-Onkologie (SRO): befriedigend für alle, zur Nachahmung empfohlen. Schweiz. Aerztezeitung 2004; 85, Nr. 14: 730 (ISSN 0036-7486).

Lütolf Urs-Martin and Schnyder AB. Arbeitsgesetz als Chance für Spitäler. Umdenken dank 50-Stunden-Woche für Assistenzärzte? Neue Zürcher Zeitung Zürich 2004; 17. Dezember: 52 (keine ISSN-Nr.).

Zeyer A (nach Interview mit **Urs-Martin Lütolf**). Wenn Heilung nicht mehr möglich ist. Palliativmedizin als Ausdruck eines neuen Umgangs mit Krankheit und Tod. Neue Zürcher Zeitung Zürich 2004; 25. August: 61 (keine ISSN-Nr.).

Dissertationen (1)

Elisabeth Meier - Leitung/Referent: Prof. Dr. **Urs-Martin Lütolf**

Retrospektive Analyse der Zervixkarzinombehandlung mittels intrakavitärer HDR (high dose rate)-Therapie im Zeitraum von 1991-2001 mit spezieller Berücksichtigung der späten Nebenwirkungen.

Erscheinungsjahr 2004: 47 Seiten.