

Prof. Dr. Walter Paul Weber

Date of Birth: December 1, 1973

City of Birth: New York City

Home town: Netstal, Glarus

Citizenship: Swiss

Tel: +41 61 328 61 49

Walter.Weber@usb.ch

Family: Julia Landin (38y)

Milena Landin (4y)

Leonie Landin (2)



Current Position

Since 12/2015

Chief of the Division of Breast Surgery (Chefarzt Brustchirurgie),
Department of Surgery, Basel University Hospital, Spitalstrasse 21, 4031
Basel, Switzerland

Professional Record

2013-2017

Director of the Breast Center at Basel University Hospital

2014-2018

Residency Program Director of the Department of Surgery at USB

07/2009 - 12/2013

Attending Surgeon (Oberarzt), Department of Surgery, Division of
Visceral Surgery, Basel University Hospital, Switzerland

07/2010 - 06/2011

**SSO Breast Fellowship, Memorial Sloan-Kettering Cancer Center,
New York, USA (Prof. Monica Morrow)**

2008/2009 (14months)

Postdoctoral Research Fellow, Tumor Immunology, Department of
Oncology/Surgery, **Johns Hopkins Medical Institutions**, Baltimore,
MD, USA (Prof. R.D. Schulick / Prof. D.M. Pardoll)

2001-2007

Residency, Department of Surgery, Basel University Hospital,

2004

Research Fellow, Tumor Immunology, Division of Surgical Research
(Prof. M. Heberer, Prof. Giulio Spagnoli)

Education / Degrees / Certificates

Since 2017 Faculty representative for "Oncologic Breast Surgery", University of Basel

2015 Titular professorship, Department of Surgery, University of Basel, Switzerland

2011 Breast Surgeon SSO, New York

2010 USMLE Step III, New York

2009 Habilitation (Venia docendi / Privatdozent), University of Basel/Switzerland

2009 ECFMG Certificate, USA

2007 FMH General Surgery, National Board Certificate, Bern, Switzerland

Academic and Clinical Services

Since 2021 Scientific committee **St. Gallen International Breast Cancer Conference**

2019 + 2017 Faculty and invited speaker at the **St. Gallen International Breast Cancer Conference**
 Since 2019 Vice-president, Swiss Society of Senology
 Since 2014 Advisory board and surgeon representative within the Swiss Society of Senology
 Since 2012 Co-director of the diploma course of the Swiss Society of Senology
 2017 Founder of the **Oncoplastic Breast Consortium (OPBC)**: www.oncoplasticbc.org
 Currently 519 members from 76 countries, two publications on OPBC consensus conferences, two ongoing OPBC multicenter studies, one SNF IICT OPBC project grant
 2014 Co-founder of the **Basel Breast Consortium**: www.baselbc.org
 2012-2017 President of the Swiss Society of Senology working group for Swiss breast centers

Grants as Principal Investigator (PI)

Since 2019 PI of OPBC-02 / PREPEC (Swiss National Science Foundation IICT project)
 Since 2017 PI of international multicenter SAKK/GBG/ABCSG/IBCSG TAXIS trial (grants from Fond'action, Rising Tide, Basel Cancer League, Swiss Cancer League, Agendia)
 2015-2018 PI of SystemsX / Swiss National Science Foundation project "MetastasiX"
 2013/2014 PI SAKK TachoSil trial (grants from Swiss Cancer League and Takeda)
 2012-2016 PI of multicenter SSI RCT (grants from Swiss National Science Foundation, Forschungsfonds Universität Basel, Hippocrate Stiftung, Gottfried und Julia Bangerter-Rhyner-Stiftung)

Awards

Annemarie Karrasch Award (2020); SAKK Pfizer Award (2019); Claudia von Schilling Award (2017); Pink Ribbon Award (2014); Alumni Award of the Medical Faculty, University of Basel (2011); Annual Award of the Swiss Society of Gastroenterology (2009); Annual Research Award of the Department of Surgery, Basel (2009)

Publications

Peer-reviewed publications in English: 73 (18 as first author, 13 as last author)
 Original articles: 60
 h-index: 28
 Total sum of citations: 2612

Academic memberships

Society of Surgical Oncology (SSO), FMH, VSAO, Swiss Society of Surgery, Swiss Society of Senology, Swiss Group for Clinical Cancer Research (SAKK)

Teaching / Supervision of graduate students

Several master and M.D. theses, three annual plenary lectures on breast cancer treatment for 3rd year medical students, various tutorials, repetitoria, bedside group teaching courses for students, residents, and nursing and operating staff, University of Basel

Publications Walter P. Weber (English, peer-reviewed)

For a complete list of publications, see <https://www.ncbi.nlm.nih.gov/pubmed/?term=Weber+WP>

1. Jackson HW, Fischer JR, Zanotelli VRT, Ali HR, Mechera R, Soysal SD, Moch H, Muenst S, Varga Z, **Weber WP**, Bodenmiller B. The single-cell pathology landscape of breast cancer. *Nature*. 2020 Jan 20. [Epub ahead of print]
2. Mujagic E, Hoffmann H, Soysal S, Delko T, Mechera R, Coslovsky M, Zeindler J, Salm L, Marti WR, **Weber WP**. Teaching in the operating room: A risk for surgical site infections? *Am J Surg*. 2019 Dec 31. [Epub ahead of print]
3. Montagna G, Ritter M, **Weber WP**. News in surgery of patients with early breast cancer. *Breast*. 2019 Nov;48 Suppl 1:S2-S6.
4. Von Strauss M, Marti WR, Mujagic E, Coslovsky M, Diernberger K, Hall P, Zeindler J, Salm LA, Soysal SD, Mechera R, von Holzen U, **Weber WP**. The impact of surgical site infections on hospital contribution margin-a European prospective observational cohort study. *Infect Control Hosp Epidemiol*. 2019 Dec;40(12):1374-1379.
5. Zeindler J, Soysal SD, Piscuoglio S, Ng CKY, Mechera R, Isaak A, **Weber WP**, Muenst S, Kurzeder C. Nectin-4 Expression Is an Independent Prognostic Biomarker and Associated With Better Survival in Triple-Negative Breast Cancer. *Front Med (Lausanne)*. 2019 Sep 13;6:200.
6. Soysal SD, Ng CKY, Costa L, **Weber WP**, Paradiso V, Piscuoglio S, Muenst S. Genetic Alterations in Benign Breast Biopsies of Subsequent Breast Cancer Patients. *Front Med (Lausanne)*. 2019 Jul 24;6:166.
7. Bertschi D, **Weber WP**, Zeindler J, Stekhoven D, Mechera R, Salm L, Kraljevic M, Soysal SD, von Strauss M, Mujagic E, Marti WR. Antimicrobial Prophylaxis Redosing Reduces Surgical Site Infection Risk in Prolonged Duration Surgery Irrespective of Its Timing. *World J Surg*. 2019 Oct;43(10):2420-2425.
8. Zeindler J, Angehrn F, Droeser R, Däster S, Piscuoglio S, Ng CKY, Kilic E, Mechera R, Meili S, Isaak A, **Weber WP**, Muenst S, Soysal SD. Infiltration by myeloperoxidase-positive neutrophils is an independent prognostic factor in breast cancer. *Breast Cancer Res Treat*. 2019 Oct;177(3):581-589.
9. Ilona Stolpner, Jörg Heil, Manuel Feißt, Margarete Karsten, **Weber WP**, Jens-Uwe Blohmer, Tobias Forster, Michael Golatta, Florian Schütz, Christof Sohn, MD1, André Hennigs. Clinical Validation of the BREAST-Q Breast-Conserving Therapy Module. *Ann Surg Oncol (IF: 4.0, surgery, rank 17/197)*, accepted for publication 2019.

10. Montagna G, Schneeberger AR, Rossi L, Reina H, Schwab FD, Schoetzau A, Eichholzer M, Pagani O, **Weber WP**, Kurzeder C, Güth U, Huber CG. The impact of depression on adherence to organized and opportunistic breast cancer screening. *Eur J Cancer Prev.* (IF 2.9) 2019 Apr 16 [Epub ahead of print].
11. Wagner J, Rapsomaniki MA, Chevrier S, Anzeneder T, Langwieder C, Dykgers A, Rees M, Ramaswamy A, Muenst S, Soysal SD, Jacobs A, Windhager J, Silina K, van den Broek M, Dedes KJ, Rodríguez Martínez M, **Weber WP**, Bodenmiller B. A Single-Cell Atlas of the Tumor and Immune Ecosystem of Human Breast Cancer. *Cell* (IF 31.4) 2019 Apr 10 [Epub ahead of print].
12. Barbara Maria Szczerba, Francesc Castro-Giner, Marcus Vetter, Ilona Krol, Sofia Gkountela, Julia Landin, Manuel C. Scheidmann, Cinzia Donato, Ramona Scherrer, Jochen Singer, Christian Beisel, Christian Kurzeder, Viola Heinzelmann-Schwarz, Christoph Rochlitz, **Weber WP**, Niko Beerenwinkel, Nicola Aceto. Neutrophils Escort Circulating Tumor Cells to Enable Cell Cycle Progression. *Nature* (IF 41.5) 2019 Feb 6 [Epub ahead of print].
13. Gkountela S, Castro-Giner F, Szczerba BM, Vetter M, Landin J, Scherrer R, Krol I, Scheidmann MC, Beisel C, Stirnimann CU, Kurzeder C, Heinzelmann-Schwarz V, Rochlitz C, **Weber WP**, Aceto N. Circulating Tumor Cell Clustering Shapes DNA Methylation to Enable Metastasis Seeding. *Cell* (IF 31.4) 2019 Jan 10;176(1-2):98-112.e14.
14. Robert Mechera, M.D.; Savas D Soysal; Salvatore Piscuoglio; Charlotte KY Ng; Jasmin Zeindler; Edin Mujagic; Silvio Däster; Philippe Glauser; Henry Hoffmann; Ergin Kilic; Raoul A Droeser; **Weber WP**; Simone Muenst. Expression of RET is associated with Oestrogen Receptor expression but lacks prognostic significance in breast cancer. *BMC Cancer* (IF: 3.3) 2019 Jan 8;19(1):41.
15. Henke G, Knauer M, Ribi K, Hayoz S, Gérard MA, Ruhstaller T, Zwahlen DR, Muenst Soysal S, Ackerknecht M, Hawle H, Fitzal F, Gnant M, Matrai Z, Ballardini B, Gyr A, Kurzeder C, **Weber WP**. Tailored axillary surgery with or without axillary lymph node dissection followed by radiotherapy in patients with clinically node-positive breast cancer (TAXIS): study protocol for a multicenter randomized phase III trial. *Trials* (IF: 2.0) 2018 Dec 4;19(1):667.
16. Vetter M, Landin J, Szczerba BM, Castro-Giner F, Gkountela S, Donato C, Krol I, Scherrer R, Balmelli C, Malinovska A, Zippelius A, Kurzeder C, Heinzelmann-Schwarz V, **Weber WP**, Rochlitz C, Aceto N. Denosumab treatment is associated with the absence of circulating tumor cells in breast cancer patients. *Breast Cancer Res* (IF: 6.1) 2018 Nov 20;20(1):141.
17. Montagna G, Ng CKY, Vlajnic T, Paradiso V, Dellas S, Reina H, Kind A, **Weber WP**, Piscuoglio S, Kurzeder C. Fibroepithelial breast lesion: when sequencing can help to make a clinical decision. A Case Report. *Clin Breast Cancer* (IF: 2.7) 2019 Feb;19(1):e1-e6.

18. **Weber WP**. Abandoning the drains by abandoning the radical procedures necessitating the drains. *Ann Surg Oncol* (IF: 4.0, surgery, rank 17/197) 2018 Dec;25(Suppl 3):671-672.
19. **Weber WP**, Haug M, Kurzeder C, Bjelic-Radisic V, Koller R, Reitsamer R, Fitzal F, Biazus J, Brenelli F, Urban C, Paulinelli RR, Blohmer JU, Heil J, Hoffmann J, Matrai Z, Catanuto G, Galimberti V, Gentilini O, Barry M, Hadar T, Allweis TM, Olsha O, Cardoso MJ, Gouveia PF, Rubio IT, de Boniface J, Svensjö T, Bucher S, Dubsky P, Farhadi J, Fehr MK, Fulco I, Ganz-Blättler U, Günthert A, Harder Y, Hauser N, Kappos EA, Knauer M, Landin J, Mechera R, Meani F, Montagna G, Ritter M, Saccilotto R, Schwab FD, Steffens D, Tausch C, Zeindler J, Soysal SD, Lohsiriwat V, Kovacs T, Tansley A, Wyld L, Romics L, El-Tamer M, Pusic AL, Sacchini V, Gnant M. Oncoplastic Breast Consortium consensus conference on nipple-sparing mastectomy. *Breast Cancer Res Treat* (IF: 3.6, oncology, rank 82/217) 2018 Dec;172(3):523-537.
20. Mujagic E, Marti WR, Coslovsky M, Soysal SD, Mechera R, von Strauss M, Zeindler J, Saxer F, Mueller A, Fux CA, Kindler C, Gurke L, **Weber WP**. Associations of hospital length of stay with surgical site infections. *World J Surg* (IF: 2.7, surgery, rank 47/198) 2018 Dec;42(12):3888-3896.
21. **Weber WP**, Tausch C, Hayoz S, Fehr MK, Ribl K, Hawle H, Lupatsch JE, Klazien Matter-Walstra K, Chiesa F, Dedes KJ, Berclaz G, Lelièvre L, Hess T, Uwe Güth U, Pioch V, MD, Sarlos D, Leo C, Canonica C, Gabriel N, Jasmin Zeindler J, Estelle Cassoly E, Andrieu C, Soysal SD, Ruhstaller T, Fehr PM, Knauer M, for the Swiss Group for Clinical Cancer Research (SAKK). Impact of a Surgical Sealing Patch on Lymphatic Drainage after Axillary Dissection for Breast Cancer. The SAKK 23/13 Multicenter Randomized Phase III Trial. *Ann Surg Oncol* (IF: 4.0, surgery, rank 17/197). 2018 Sep;25(9):2632-2640.
22. Mujagic E, Zeindler J, Coslovsky M, Hoffmann H, Soysal SD, Mechera R, von Strauss M, Delko T, Saxer F, Glaab R, Kraus R, Mueller A, Curti G, Gurke L, Jakob M, Marti WR, **Weber WP**. The association of surgical drains with surgical site infections - A prospective observational study. *Am J Surg* (IF 2.4, surgery, rank 59/198) 2019 Jan;217(1):17-23.
23. Mujagic E, Marti WR, Coslovsky M, Zeindler J, Staubli S, Marti R, Mechera R, Soysal SD, Gürke L, **Weber WP**. The role of preoperative blood parameters to predict the risk of surgical site infection. *Am J Surg* (IF 2.4, surgery, rank 59/198). 2018 Apr;215(4):651-657.
24. **Weber WP**, Soysal SD, El-Tamer M, Sacchini V, Knauer M, Tausch C, Hauser N, Günthert A, Harder Y, Kappos EA, Schwab F, Fitzal F, Dubsky P, Bjelic-Radisic V, Reitsamer R, Koller R, Heil J, Hahn M, Blohmer JU, Hoffmann J, Solbach C, Heitmann C, Gerber B, Haug M, Kurzeder C. First International Consensus Conference on Standardization of Oncoplastic Breast Conserving Surgery. *Breast Cancer Res Treat* (IF 4, oncology, rank 57/213). 2017 Aug;165(1):139-149.

25. **Weber WP**, Soysal SD, Zeindler J, Kappos EA, Babst D, Schwab F, Kurzeder C, Haug M. Current standards in oncoplastic breast conserving surgery. *The Breast* (IF: 2.7, oncology, rank 116/213). 2017 Aug;34 Suppl 1:S78-S81.
26. Muraro MG, Muenst S, Mele V, Quagliata L, Iezzi G, Tzankov A, **Weber WP**, Spagnoli GC, Soysal SD. Ex-vivo assessment of drug response on breast cancer primary tissue with preserved microenvironments. *Oncolmmunology* (IF 7.6, oncology, rank 17/213). 2017 May 30;6(7):e1331798.
27. Muenst S, Mechera R, Däster S, Piscuoglio S, Ng CKY, Meier-Abt F, **Weber WP** and Soysal SD (co-senior authors). Pregnancy at early age is associated with a reduction of progesterone-responsive cells and epithelial Wnt signaling in human breast tissue. *Oncotarget* (IF 5, oncology, rank 36/213). 2017 Apr 4;8(14):22353-22360.
28. **Weber WP**, Soysal SD, Fulco I, Barandun M, Babst D, Kalbermatten D, Schaefer DJ, Oertli D, Kappos EA, Haug M. Standardization of oncoplastic breast conserving surgery. *Eur J Surg Oncol* (IF 3.5, surgery, rank 31/197). 2017 Jul;43(7):1236-1243.
29. **Weber WP**, Mujagic E, Zwahlen M, Bundi M, Hoffmann H, Soysal SD, Kraljević M, Delko T, von Strauss M, Iselin L, Sousa Da Silva RX, Zeindler J, Rosenthal R, Misteli H, Kindler C, Müller P, Saccilotto R, Kopp Lugli A, Kaufmann M, Gürke L, Oertli D, Bucheli-Laffer E, Landin J, Widmer AF, Fux CA, Marti WR. The timing of surgical antimicrobial prophylaxis: a randomised controlled trial. *Lancet Infect Dis* (IF: 25.1, infectious diseases, rank 1/83) 2017 Jun;17(6):605-614.
30. Landin J, **Weber WP**. Lymph Node Surgery - Stepwise Retirement for the Breast Surgeon? *Breast Care* (IF 1.6, oncology, rank 173/213). 2016 Aug;11(4):282-286.
31. Muenst S, Schaerli AR, Gao F, Däster S, Trella E, Droeser RA, Muraro MG, Zajac P, Zanetti R, Gillanders WE, **Weber WP**, Soysal SD. Expression of programmed death ligand 1 (PD-L1) is associated with poor prognosis in human breast cancer. *Breast Cancer Res Treat.* (IF 4.5, oncology, rank 43/197) 2014 Jul;146(1):15-24.
32. Tampaki EC, Nakopoulou L, Tampakis A, Kontzoglou K, **Weber WP**, Kouraklis G. Nestin involvement in tissue injury and cancer--a potential tumor marker? *Cell Oncol* (IF: 2.1, oncology, rank 129/203) 2014 Oct;37(5):305-15.
33. Mujagic E, Zwimpfer T, Marti WR, Zwahlen M, Hoffmann H, Kindler C, Fux C, Misteli H, Iselin L, Lugli AK, Nebiker CA, von Holzen U, Vinzens F, von Strauss M, Reck S, Kraljević M, Widmer AF, Oertli D, Rosenthal R, **Weber WP**. Evaluating the optimal timing of surgical antimicrobial prophylaxis: study protocol for a randomized controlled trial. *Trials.* (IF: 2.2, medicine, research & experimental, rank 63/121) 2014 May 24;15(1):188.

34. Muenst S, Däster S, Obermann EC, Droeser RA, **Weber WP**, von Holzen U, Gao F, Viehl C, Oertli D, Soysal SD. Nuclear expression of snail is an independent negative prognostic factor in human breast cancer. *Dis Markers*. (IF 2.1, medicine, research & experimental, rank 66/121) 2013;35(5):337-44.
35. Amann E, Huang DJ, **Weber WP**, Eppenberger-Castori S, Schmid SM, Hess TH, Güth U. Disease-related surgery in patients with distant metastatic breast cancer. *Eur J Surg Oncol*. (IF: 2.8, surgery, rank 32/187) 2013 Nov;39(11):1192-8.
36. Muenst S, Obermann EC, Gao F, Oertli D, Viehl CT, **Weber WP**, Fleming T, Gillanders WE, Soysal SD. Src homology phosphotyrosyl phosphatase-2 expression is an independent negative prognostic factor in human breast cancer. *Histopathology* (IF : 2.9 ; pathology, rank 18/77) 2013 Jul;63(1):74-82.
37. Fitzal F, Hoffmann J, Souchon R, Lebeau A, Öhlschlegel C, Gruber G, Rageth C, **Weber WP**, Harbeck N, Janni W, Kreipe H, Resch A, Bago-Horvath Z, Peintinger F. D.A.CH Consensus Conference on the Diagnosis and Local Treatment of the Axilla in Breast Cancer. *European Journal of Cancer* (IF 5.5, oncology, rank 26/196) 2013 Jul;49(10):2277-83.
38. Olino K, Edil BH, Meckel KF, Pan X, Thuluvath A, Pardoll DM, Schulick RD, Yoshimura K, **Weber WP**. Glycolipid Antigens Effectively Treat Hepatic Colorectal Cancer Metastases and Enhance the Therapeutic Efficacy of Live Attenuated *Listeria Monocytogenes*. *JAMA Surgery (formerly Archives of Surgery)*, IF: 4.5, surgery, rank 5/188) 2012 May;147(5):480-2.
39. Güth U, Myrick ME, Viehl CT, Schmid SM, Obermann EC, **Weber WP**. The post ACOSOG Z0011 era: does our new understanding of breast cancer really change clinical practice? *European Journal of Surgical Oncology* (IF: 2.8, surgery, rank 32/187) 2012 Aug;38(8):645-50.
40. **Weber WP**, Barry M, Stempel MM, Junqueira MJ, Eaton AA, Patil SM, Morrow M, Cody HS III. A 10-year trend analysis of sentinel lymph node frozen section and completion axillary dissection for breast cancer: are these procedures becoming obsolete? *Annals of Surgical Oncology* (IF: 4.2, surgery, rank 8/187) 2012 Jan;19(1):225-32.
41. Güth U, Myrick ME, Viehl CT, **Weber WP**, Lardi AM, Schmid SM. Increasing rates of contralateral prophylactic mastectomy - a trend made in USA? *European Journal of Surgical Oncology* (IF: 2.8, surgery, rank 32/187) 2012 Apr;38(4):296-301.
42. Barry MJ, **Weber WP**, Lee S, Mazzella A, Sclafani LM. Enhancing the clinical pathway for patients undergoing axillary lymph node dissection. *Breast* (IF: 2.1, oncology, rank 113/185) 2012 Aug;21(4):440-3.

43. Olino K, Wada S, Edil BH, Pan X, Meckel K, **Weber WP**, Slansky J, Tamada K, Lauer P, Brockstedt D, Pardoll D, Schulick R, Yoshimura K. Tumor-Associated Antigen Expressing *Listeria monocytogenes* Induces Effective Primary and Memory T-Cell Responses Against Hepatic Colorectal Cancer Metastases. *Ann Surg Oncol.* (IF: 4.2, surgery, rank 8/187) 2012 Jul;19:S597-607.
44. Misteli H, Widmer AF, **Weber WP**, Bucher E, Dangel M, Reck S, Oertli D, Marti WR, Rosenthal R. Successful implementation of a shorter window for routine antimicrobial prophylaxis than the WHO standard. *Infection Control and Hospital Epidemiology* (IF: 2.8, infectious diseases, rank 21/57) 2012 Sep;33(9):912-6.
45. Junker T, Mujagic E, Hoffmann H, Rosenthal R, Misteli H, Zwahlen M, Oertli D, Tschudin S, Widmer AF, Marti WR, **Weber WP**. Prevention and Control of Surgical Site Infections: Review of the Basel Cohort Study. *Swiss Medical Weekly* (IF: 1.7, medicine, general & internal, rank 44/133) 2012 Sep 4;142:0.
46. Barry M, **Weber WP**, Sacchini V. The evolving role of axillary lymph node dissection in the modern era of breast cancer management. *Surgical Oncology* (IF 1.7, surgery, rank 59/167) 2012 Jun;21(2):143-5.
47. **Weber WP**, Barry M, Junqueira MJ, Lee SS, Mazzella AM, Sclafani LM. Initial experiences with a multidisciplinary approach to decreasing the length of hospital stay for patients undergoing unilateral mastectomy. *European Journal of Surgical Oncology* (IF: 2.8, surgery, rank 32/187) 2011 Nov;37(11):944-9.
48. Misteli H, Widmer AF, Rosenthal R, Oertli D, Marti WR, **Weber WP**. Spectrum of pathogens in surgical site infections at a Swiss university hospital. *Swiss Medical Weekly* (IF: 1.7, medicine, general & internal, rank 44/133) 2011;140:w13146.
49. Adamina M, Rosenthal R and **Weber WP** (co-second authors), Frey DM, Viehl CT, Bolli M, Huegli RW, Jacob AL, Heberer M, Oertli D, Marti W, Spagnoli GC, Zajac P. Intranodal Immunization With a Vaccinia Virus Encoding Multiple Antigenic Epitopes and Costimulatory Molecules in Metastatic Melanoma. *Molecular Therapy* (IF: 6.2, medicine, research & experimental, rank 6/93) 2010;18(3):651-9.
50. Rosenthal R, **Weber WP**, Marti WR, Misteli H, Reck S, Dangel M, Oertli D, Widmer AF. Surveillance of surgical site infections by surgeons: biased underreporting or useful epidemiological data? *Journal of Hospital Infection* (IF: 3.0, infectious diseases, rank 18/57) 2010;75(3):178-82.
51. **Weber WP**, Zwahlen M, Reck S, Misteli H, Rosenthal R, Buser AS, Kaufmann M, Oertli D, Widmer AF, Marti WR. The Association of Preoperative Anemia and Perioperative

Allogeneic Blood Transfusion with the Risk of Surgical Site Infection: A Single-Center Prospective Study of 5873 Consecutive Surgical Procedures. *Transfusion* (IF: 3.0, hematology, rank 23/61) 2009 Sep;49(9):1964-70.

52. Misteli H and **Weber WP** (co-first authors), Reck S, Rosenthal R, Zwahlen M, Fueglistaler P, Bolli MK, Oertli D, Widmer AF, Marti WR. Surgical glove perforation and the risk of surgical site infection. *Archives of Surgery* (IF: 4.3, surgery, rank 5/167) 2009 Jun;144(6):553-8; discussion 558.

53. **Weber WP**, Reck S, Neff U, Saccilotto R, Dangel M, Rotter ML, Frei R, Oertli D, Marti WR, Widmer AF. Surgical Hand Antisepsis with an Alcohol-based Hand Rub: Comparison of Effectiveness after Application of 1.5 Versus 3 Minutes. *Infection Control and Hospital Epidemiology* (IF: 2.8, infectious diseases, rank 21/57) 2009 May;30(5):420-6.

54. Rosenthal R, **Weber WP**, Zwahlen M, Misteli H, Reck S, Oertli D, Widmer AF, Marti WR. The impact of surgical training on the incidence of surgical site infection. *World Journal of Surgery* (IF: 2.6, surgery, rank 25/148) 2009 Jun;33(6):1165-73.

55. Rosenthal R, Groeper C, Bracci L, Adamina M, Feder-Mengus C, Zajac P, Iezzi G, Bolli M, **Weber WP**, Frey DM, von Holzen U, Oertli D, Heberer M, Spagnoli GC. Differential responsiveness to IL-2, -7 and -15 common receptor γ chain cytokines by antigen specific peripheral blood naive or memory cytotoxic CD8+ T cells from healthy donors and melanoma patients. *Journal of Immunotherapy* (IF: 3.7, immunology, rank 32/121) 2009 Apr;32(3):252-61.

56. **Weber WP**, Marti WR, Zwahlen M, Misteli H, Rosenthal R, Reck S, Fueglistaler P, Bolli M, Trampuz A, Oertli D, Widmer AF. The timing of surgical antimicrobial prophylaxis. *Annals of Surgery* (IF: 8.5, surgery, rank 1/148) 2008;247(6):918-26.

57. **Weber WP**, Engelberger S, Viehl CT, Zanetti-Dallenbach R, Kuster S, Dirnhofer S, Wruk D, Oertli D, Marti WR. Accuracy of frozen section analysis versus specimen radiography during breast-conserving surgery for nonpalpable lesions. *World Journal of Surgery* (IF: 2.6, surgery, rank 25/148) 2008 Dec;32(12):2599-606.

58. Feder-Mengus C, Wyler S, Hudolin T, Ruszat R, Bubendorf L, Chiarugi A, Pittelli M, **Weber WP**, Bachmann A, Gasser TC, Sulser T, Heberer M, Spagnoli GC, Provenzano M. High expression of indoleamine 2,3-dioxygenase gene in prostate cancer. *European Journal of Cancer* (IF: 4.5, oncology, rank 36/143) 2008;44(15):2266-75.

59. Adamina M, **Weber WP**, Rosenthal R, Schumacher R, Zajac P, Guller U, Frey DM, Oertli D, Zuber M, Heberer M, Spagnoli GC. Heterologous prime-boost immunotherapy of melanoma patients

with Influenza virosomes, and recombinant Vaccinia virus encoding 5 melanoma epitopes and 3 co-stimulatory molecules. A multi-centre phase I/II open labeled clinical trial. *Contemporary Clinical Trials* (IF: 1.4, medicine, research & experimental, rank 58/83) 2008 Mar;29(2):165-81.

60. **Weber WP**, Zwahlen M, Reck S, Feder-Mengus C, Misteli H, Rosenthal R, Brandenberger D, Oertli D, Widmer AF, Marti WR. Economic burden of surgical site infections at a European university hospital. *Infection Control and Hospital Epidemiology* (IF: 2.8, infectious diseases, rank 21/51) 2008;29(7):623-9.

61. Rosenthal R, Viehl CT, Guller U, **Weber WP**, Adamina M, Spagnoli GC, Heberer M, Zuber M. Active specific immunotherapy phase III trials for malignant melanoma: systematic analysis and critical appraisal. *Journal of the American College of Surgeons* (IF: 3.7, surgery, rank 12/148) 2008;207(1):95-105.

62. **Weber WP**, Guller U, Jain NB, Pietrobon R, Oertli D. Impact of surgeon and hospital caseload on the likelihood of performing laparoscopic vs open sigmoid resection for diverticular disease: a study based on 55,949 patients. *Archives of Surgery* (IF: 3.5, surgery, rank 10/139) 2007;142(3):253-9.

63. Feder-Mengus C, Ghosh S, **Weber WP**, Wyler S, Zajac P, Terracciano L, Oertli D, Heberer M, Martin I, Spagnoli GC, Reschner A. Multiple mechanisms underlie defective recognition of melanoma cells cultured in three-dimensional architectures by antigen-specific cytotoxic T lymphocytes. *British Journal of Cancer* (IF: 4.6, oncology, rank 27/132) 2007;96(7):1072-82.

64. **Weber WP**, Feder-Mengus C, Chiarugi A, Rosenthal R, Reschner A, Schumacher R, Zajac P, Misteli H, Frey DM, Oertli D, Heberer M, Spagnoli GC. Differential effects of the tryptophan metabolite 3-hydroxyanthranilic acid on the proliferation of human CD8+ T cells induced by TCR triggering or homeostatic cytokines. *European Journal of Immunology* (IF: 4.8, immunology, rank 17/117) 2006;36(2):296-304.

65. Adamina M, Schumacher R, Zajac P, **Weber WP**, Rosenthal R, Groeper C, Feder C, Zurbriggen R, Amacker M, Spagnoli GC, Oertli D, Heberer M. Advanced liposomal vectors as cancer vaccines in melanoma immunotherapy. *Journal of Liposome research* (IF: 1.0, biochemistry & molecular biology, rank 218/262) 2006;16(3):195-204.

66. Adamina M, Guller U, **Weber WP**, Oertli D. Propensity scores and the surgeon. *British Journal of Surgery* (IF: 4.1, surgery, rank 5/137) 2006;93(4):389-94.

67. **Weber WP**, Zanetti R, Langer I, Dellas S, Zuber M, Moch H, Remmel E, Oertli D, Wight E, Marti WR. Mammotome: less invasive than ABBi with similar accuracy for early

breast cancer detection. World Journal of Surgery (IF: 1.6, surgery, rank 46/139) 2005;29(4):495-9.

68. Ghosh S, Rosenthal R, Zajac P, **Weber WP**, Oertli D, Heberer M, Martin I, Spagnoli GC, Reschner A. Culture of melanoma cells in 3-dimensional architectures results in impaired immunorecognition by cytotoxic T lymphocytes specific for Melan-A/MART-1 tumor-associated antigen. Annals of Surgery (IF: 6.3, surgery, rank 1/139) 2005 Dec;242(6):851-7.

69. von Holzen U, Adamina M, Bolli M, **Weber WP**, Zajac P, Groeper C, Reschner A, Feder C, Schumacher R, Marti W, Oertli D, Heberer M, Spagnoli GC. Selective responsiveness to common gamma chain cytokines in peripheral blood-derived cytotoxic T lymphocytes induced by Melan-A/MART-1(27-35) targeted active specific immunotherapy. International Journal of Cancer (IF: 4.7, oncology, rank 22/123) 2005;115(2):248-55.

70. Spagnoli GC, Adamina M, Bolli M, **Weber WP**, Zajac P, Marti W, Oertli D, Heberer M, Harder F. Active antigen-specific immunotherapy of melanoma: from basic science to clinical investigation. World Journal of Surgery (IF: 1.6, surgery, rank 46/139) 2005;29(6):692-9.

71. Marti WR, Zuber M, Oertli D, **Weber WP**, Muller D, Kochli OR, Langer I, Harder F. Advanced Breast Biopsy Instrumentation for the evaluation of impalpable lesions: a reliable diagnostic tool with little therapeutic potential. European Journal of Surgery (IF: 0.8, surgery, rank 68/139) 2001 Jan;167(1):15-8.