

Ruth Exner: Curriculum vitae

Residency: Medical University of Vienna, Department of Surgery, Department of general Surgery, Brustgesundheitszentrum, Comprehensive Cancer Center

Education

Degrees: MD 1999, Vienna Medical University

Surgical research laboratories 1999-2000

Residency and Fellowships: Department of General Surgery, Vienna Medical University since 2000

Specializations: Surgery, Visceral Surgery 2010, Breast Surgery 2016

Associated Professor of Surgery, 2016-ongoing

Research Interest and Publications

- **Main areas of interest:**

- Breast cancer

- Colorectal cancer

- **10 most important scientific publications**

- Objective breast symmetry analysis with the breast analyzing tool (BAT): improved tool for clinical trials. Krois W, Romar AK, Wild T, Dubsky P, **Exner R**, Panhofer P, Jakesz R, Gnant M, Fitzal F. Breast Cancer Res Treat. 2017 Jul;164(2):421-427

- Prognostic value of HMGB1 in early breast cancer patients under neoadjuvant chemotherapy. **Exner R**, Sachet M, Arnold T, Zinn-Zinnenburg M, Michlmayr A, Dubsky P, Bartsch R, Steger G, Gnant M, Bergmann M, Bachleitner-Hofmann T, Oehler R. Cancer Med. 2016 Sep;5(9):2350-8.

- Potential of DNA methylation in rectal cancer as diagnostic and prognostic biomarkers. **Exner R**, Pulverer W, Diem M, Spaller L, Woltering L, Schreiber M, Wolf B, Sonntagbauer M, Schröder F, Stift J, Wrba F, Bergmann M, Weinhäusel A, Egger G. Br J Cancer. 2015 Sep 29;113(7):1035-45.

- Adjuvant denosumab in breast cancer (ABC SG-18): a multicentre, randomised, double-blind, placebo-controlled trial. Gnant M, Pfeiler G, Dubsky PC, Hubalek M, Greil R, Jakesz R, Wette V, Balic M, Haslbauer F, Melbinger E, Bjelic-Radisic V, Artner-Matuschek S, Fitzal F, Marth C, Sevelda P, Mlineritsch B, Steger GG, Manfreda D, **Exner R**, Egle D, Bergh J, Kainberger F, Talbot S, Warner D, Fesl C, Singer CF; Austrian Breast and Colorectal Cancer Study Group. Lancet. 2015 Aug 1;386(9992):433-43

- The multigene signature MammaPrint impacts on multidisciplinary team decisions in ER+, HER2-early breast cancer. **Exner R**, Bago-Horvath Z, Bartsch R, Mittlboeck M, Retèl VP, Fitzal F, Rudas M, Singer C, Pfeiler G, Gnant M, Jakesz R, Dubsky P. Br J Cancer. 2014 Aug 26;111(5):837-42

- Impact of body mass index on estradiol depletion by aromatase inhibitors in postmenopausal women with early breast cancer. Pfeiler G, Königsberg R, Hadji P, Fitzal F, Maroske M, Dressel-Ban G, Zellinger J, **Exner R**, Seifert M, Singer C, Gnant M, Dubsky P. Br J Cancer. 2013 Sep 17;109(6):1522-7.

- Incidental appendectomy--standard or unnecessary additional trauma in surgery for colorectal cancer? A retrospective analysis of histological findings in 380 specimens. **Exner R**, Sachsenmaier M, Horvath Z, Stift A. Colorectal Dis. 2012 Oct;14(10):1262-6.

- Objectively measured breast symmetry has no influence on quality of life in breast cancer patients. **Exner R**, Krois W, Mittlböck M, Dubsky P, Jakesz R, Gnant M, Fitzal F. Eur J Surg Oncol. 2012 Feb;38(2):130-6.
- Perioperative GLY-GLN infusion diminishes the surgery-induced period of immunosuppression: accelerated restoration of the lipopolysaccharide-stimulated tumor necrosis factor-alpha response. **Exner R**, Tamandl D, Goetzinger P, Mittlboeck M, Fuegger R, Sautner T, Spittler A, Roth E. Ann Surg. 2003 Jan;237(1):110-5.
- Glutamine deficiency renders human monocytic cells more susceptible to specific apoptosis triggers. **Exner R**, Weingartmann G, Eliassen MM, Gerner C, Spittler A, Roth E, Oehler R. Surgery. 2002 Jan;131(1):75-80

Awards

- 2017: vfwf Habilitationspreis 2017
- 2014 Astra Zeneca Forschungsförderungspreis der Österreichischen Gesellschaft für Senologie
- 2014 Posterpreis Joint Swiss and Austrian Society of Senology Conference
- 2011 Georg-Stumpf-Stipendium für Krebsforschung 2011