

**TOC Laboratory**

Department of Gynecology

Charité Medizinische Universität Berlin

Campus Virchow Klinikum

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**Full Publications List**

Year	Paper
2007	Braicu EI, Mustea A, Toliat MR, Pirvulescu C, Könsgen D, Sun P, Nurnberg P, Lichtenegger W, Sehouli J. Polymorphism of IL-1alpha, IL-1beta and IL-10 in patients with advanced ovarian cancer: results of a prospective study with 147 patients. <i>Gynecol Oncol.</i> 2007 Mar;104(3):680–5. Epub 2006 Dec 1.
	Mustea A, Sehouli J, Fabjani G, Könsgen D, Mobus V, Braicu EI, Pirvulescu C, Thomas A, Tong D, Zeillinger R. Epidermal growth factor receptor (EGFR) mutation does not correlate with platinum resistance in ovarian carcinoma. Results of a prospective pilot study. <i>Anticancer Res.</i> 2007 May-Jun;27(3B):1527–30.
2008	Mustea A, Pirvulescu C, Könsgen D, Braicu EI, Yuan S, Sun P, Lichtenegger W, Sehouli J. Decreased IL-1 RA concentration in ascites is associated with a significant improvement in overall survival in ovarian cancer. <i>Cytokine.</i> 2008 Apr;42(1):77–84.
2009	Mustea A, Braicu EI, Könsgen D, Yuan S, Sun PM, Stamatian F, Lichtenegger W, Chen FC, Chekerov R, Sehouli J. Monitoring of IL-10 in the serum of patients with advanced ovarian cancer: results from a prospective pilot-study. <i>Cytokine.</i> 2009 Jan;45(1):8–11.
	Sinn BV, Darb-Esfahani S, Wirtz RM, Faggad A, Weichert W, Buckendahl AC, Noske A, Müller BM, Budczies J, Sehouli J, Braicu EI, Dietel M, Denkert C. Vascular endothelial growth factor C mRNA expression is a prognostic factor in epithelial ovarian cancer as detected by kinetic RT-PCR in formalin-fixed paraffin-embedded tissue. <i>Virchows Arch.</i> 2009 Nov 13.
2010	Pils D, Wittinger M, Petz M, Gugerell A, Gregor W, Alfanz A, Horvat R, Braicu EI, Sehouli J, Zeillinger R, Mikulits W, Krainer M. BAMI is overexpressed in ovarian cancer and co-translocates with Smads into the nucleus upon TGF-beta treatment. <i>Gynecol Oncol.</i> 2010 May;117(2):189–97. Epub 2010 Feb 26.
	Koensgen D, Freitag C, Klamann I, Dahl E, Mustea A, Chekerov R, Braicu I, Lichtenegger W, Sehouli J. Expression and localization of E-cadherin in epithelial ovarian cancer. <i>Anticancer Res.</i> 2010 Jul;30(7):2525–30.
	Fotopoulou C, Savvatis K, Braicu EI, Brink-Spalink V, Darb-Esfahani S, Lichtenegger W, Sehouli J. Adult granulosa cell tumors of the ovary: tumor dissemination pattern at primary and recurrent situation, surgical outcome. <i>Gynecol Oncol.</i> 2010 Nov;119(2):285–90. Epub 2010 Jul 15.
	Sehouli J, Savvatis K, Braicu EI, Schmidt SC, Lichtenegger W, Fotopoulou C. Primary versus interval debulking surgery in advanced ovarian cancer: results from a systematic single-center analysis. <i>Int J Gynecol Cancer.</i> 2010 Nov;20(8):1331–40.
	Sehouli J, Richter R, Braicu EI, Bühling KJ, Bahra M, Neuhaus P, Lichtenegger W, Fotopoulou C. Role of secondary cytoreductive surgery in ovarian cancer relapse: who will benefit? A systematic analysis of 240 consecutive patients. <i>J Surg Oncol.</i> 2010 Nov 1;102(6):656–62.
	Wynendaele J, Böhnke A, Leucci E, Nielsen SJ, Lambertz I, Hammer S, Sbrzesny N, Kubitzka D, Wolf A, Gradhand E, Balschun K, Braicu I, Sehouli J, Darb-Esfahani S, Denkert C, Thomssen C, Hauptmann S, Lund A, Marine JC, Bartel F. An illegitimate microRNA target site within the 3' UTR of MDM4 affects ovarian cancer progression and chemosensitivity. <i>Cancer Res.</i> 2010 Dec 1;70(23):9641–9.
2011	Fotopoulou C, Richter R, Braicu IE, Schmidt SC, Neuhaus P, Lichtenegger W, Sehouli J. Clinical outcome of tertiary surgical cytoreduction in patients with recurrent epithelial ovarian cancer. <i>Ann Surg Oncol.</i> 2011 Jan;18(1):49–57.
	Fotopoulou C, Richter R, Braicu EI, Kuhberg M, Feldheiser A, Schefold JC, Lichtenegger W, Sehouli J. Impact of obesity on operative morbidity and clinical outcome in primary epithelial ovarian cancer after optimal primary tumor debulking. <i>Ann Surg Oncol.</i> 2011 Mar 11.
	Buckendahl AC, Budczies J, Fiehn O, Darb-Esfahani S, Kind T, Noske A, Weichert W, Sehouli J, Braicu E, Dietel M, Denkert C. Prognostic impact of AMP-activated protein kinase expression in ovarian carcinoma: correlation of protein expression and GC/TOF-MS-based metabolomics. <i>Oncol Rep.</i> 2011 Apr;25(4):1005–12.

**Full Publications List**

Year	Paper
	<p>Braicu EI, Sehouli J, Richter R, Pietzner K, Lichtenegger W, Fotopoulou C.            Primary versus secondary cytoreduction for epithelial ovarian cancer: a paired analysis of tumour pattern and surgical outcome.  <i>Eur J Cancer.</i> 2011 Jul 12.</p>
	<p>Noske A, Schwabe M, Weichert W, Darb-Esfahani S, Buckendahl AC, Sehouli J, Braicu EI, Budczies J, Dietel M, Denkert C.            An intracellular targeted antibody detects EGFR as an independent prognostic factor in ovarian carcinomas.  <i>BMC Cancer.</i> 2011 Jul 14;11(1):294.</p>
	<p>Tian WJ, Chi DS, Sehouli J, Tropé CG, Jiang R, Ayhan A, Cormio G, Xing Y, Breitbach GP, Braicu EI, Rabbitt CA, Oksefjell H, Fotopoulou C, Meerpohl HG, du Bois A, Berek JS, Zang RY, Harter P.            A risk model for secondary cytoreductive surgery in recurrent ovarian cancer: an evidence-based proposal for patient selection.  <i>Ann Surg Oncol.</i> 2011 Jul 6.</p>
	<p>Zang RY, Harter P, Chi DS, Sehouli J, Jiang R, Tropé CG, Ayhan A, Cormio G, Xing Y, Wollschlaeger KM, Braicu EI, Rabbitt CA, Oksefjell H, Tian WJ, Fotopoulou C, Pfisterer J, du Bois A, Berek JS.            Predictors of survival in patients with recurrent ovarian cancer undergoing secondary cytoreductive surgery based on the pooled analysis of an international collaborative cohort.  <i>Br J Cancer.</i> 2011 Sep 27;105(7):890-6. doi: 10.1038/bjc.2011.328.</p>
	<p>Hofstetter G, Berger A, Schuster E, Wolf A, Hager G, Vergote I, Cadron I, Sehouli J, Braicu EI, Mahner S, Speiser P, Marth C, Zeimet AG, Ulmer H, Zeillinger R, Concin N.            Delta 133p53 is an independent prognostic marker in p53 mutant advanced serous ovarian cancer.  <i>Br J Cancer.</i> 2011 Nov 8;105(10):1593-9. doi: 10.1038/bjc.2011.433.</p>
	<p>Braicu EI, Sehouli J, Richter R, Pietzner K, Denkert C, Fotopoulou C.            Role of histological type on surgical outcome and survival following radical primary tumour debulking of epithelial ovarian, fallopian tube and peritoneal cancers.  <i>Br J Cancer.</i> 2011 Dec 6;105(12):1818-24. doi: 10.1038/bjc.2011.455.</p>
<b>2012</b>	<p>Hofstetter G, Berger A, Bauer EM, Schuster E, Wolf A, Chamson M, Müller-Holzner E, Reimer D, Braicu EI, Sehouli J, Ulmer H, Cacsire Castillo-Tong D, Zeillinger R, Concin N.            MDM2 SNP309 modifies the prognostic significance of the p53 mutational status in patients with ovarian cancer.  <i>Oncol Rep.</i> 2012 Mar;27(3):673-7.</p>
	<p>Hofstetter G, Berger A, Berger R, Zorić A, Braicu EI, Reimer D, Fiegl H, Marth C, Zeimet AG, Ulmer H, Moll U, Zeillinger R, Concin N.            The N-terminally truncated p53 isoform Delta 40p53 influences prognosis in mucinous ovarian cancer.  <i>Int J Gynecol Cancer.</i> 2012 Mar;22(3):372-9.</p>
	<p>Polterauer S, Vergote I, Concin N, Braicu I, Chekerov R, Mahner S, Woelber L, Cadron I, Van Gorp T, Zeillinger R, Castillo-Tong DC, Sehouli J.            Prognostic value of residual tumor size in patients with epithelial ovarian cancer FIGO stages IIA-IV: analysis of the OVCAD data.  <i>Int J Gynecol Cancer.</i> 2012 Mar;22(3):380-5.</p>
	<p>Sehouli J, Papanikolaou G, Braicu EI, Pietzner K, Neuhaus P, Fotopoulou C.            Feasibility of surgery after systemic treatment with the humanized recombinant antibody bevacizumab in heavily pretreated patients with advanced epithelial ovarian cancer.  <i>Ann Surg Oncol.</i> 2012 Apr;19(4):1326-33. doi: 10.1245/s10434-011-2134-0.</p>
	<p>Bondong S, Kiefel H, Hielscher T, Zeimet AG, Zeillinger R, Pils D, Schuster E, Castillo-Tong DC, Cadron I, Vergote I, Braicu I, Sehouli J, Mahner S, Fogel M, Altevogt P.            Prognostic significance of L1CAM in ovarian cancer and its role in constitutive NF-κB activation.  <i>Ann Oncol.</i> 2012 Jul;23(7):1795-802. doi: 10.1093/annonc/mdr568.</p>
	<p>Pils D, Hager G, Tong D, Aust S, Heinze G, Kohl M, Schuster E, Wolf A, Sehouli J, Braicu I, Vergote I, Cadron I, Mahner S, Hofstetter G, Speiser P, Zeillinger R.            Validating the impact of a molecular subtype in ovarian cancer on outcomes: a study of the OVCAD Consortium.  <i>Cancer Sci.</i> 2012 Jul;103(7):1334-41.</p>
	<p>Marmé F, Hielscher T, Hug S, Bondong S, Zeillinger R, Castillo-Tong DC, Sehouli J, Braicu I, Vergote I, Isabella C, Mahner S, Ferschke I, Rom J, Sohn C, Schneeweiss A, Altevogt P.            Fibroblast growth factor receptor 4 gene (FGFR4) 388Arg allele predicts prolonged survival and platinum sensitivity in advanced ovarian cancer.  <i>Int J Cancer.</i> 2012 Aug 15;131(4):E586-91.</p>
	<p>Darb-Esfahani S, Fritzsche F, Kristiansen G, Weichert W, Sehouli J, Braicu I, Dietel M, Denkert C.            Anterior gradient protein 2 (AGR2) is an independent prognostic factor in ovarian high-grade serous carcinoma.  <i>Virchows Arch.</i> 2012 Aug;461(2):109-16.</p>

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**Full Publications List**

Year	Paper
2013	Obermayr E, Castillo-Tong DC, Pils D, Speiser P, Braicu I, Van Gorp T, Mahner S, Sehouli J, Vergote I, Zeillinger R. Molecular characterization of circulating tumor cells in patients with ovarian cancer improves their prognostic significance -- a study of the OVCAD consortium. <i>Gynecol Oncol.</i> 2013 Jan;128(1):15-21.
	Melmer A, Fineder L, Lamina C, Kollerits B, Dieplinger B, Braicu I, Sehouli J, Cadron I, Vergote I, Mahner S, Zeimet AG, Castillo-Tong DC, Ebenbichler CF, Zeillinger R, Dieplinger H. Plasma concentrations of the vitamin E-binding protein afamin are associated with overall and progression-free survival and platinum sensitivity in serous ovarian cancer--a study by the OVCAD consortium. <i>Gynecol Oncol.</i> 2013 Jan;128(1):38-43.
	Fotopoulou C, Savvatis K, Kosian P, Braicu IE, Papanikolaou G, Pietzner K, Schmidt SC, Sehouli J. Quaternary cytoreductive surgery in ovarian cancer: does surgical effort still matter? <i>Br J Cancer.</i> 2013 Jan 15;108(1):32-8.
	Chekerov R, Braicu I, Castillo-Tong DC, Richter R, Cadron I, Mahner S, Woelber L, Marth C, Van Gorp T, Speiser P, Zeillinger R, Vergote I, Sehouli J. Outcome and clinical management of 275 patients with advanced ovarian cancer International Federation of Obstetrics and Gynecology II to IV inside the European Ovarian Cancer Translational Research Consortium-OVCAD. <i>Int J Gynecol Cancer.</i> 2013 Feb;23(2):268-75
	Pils D, Horak P, Vanhara P, Anees M, Petz M, Alfanz A, Gugerell A, Wittinger M, Gleiss A, Auner V, Tong D, Zeillinger R, Braicu EI, Sehouli J, Krainer M. Methylation status of TUSC3 is a prognostic factor in ovarian cancer. <i>Cancer.</i> 2013 Mar 1;119(5):946-54.
	Fotopoulou C, Zang R, Gultekin M, Cibula D, Ayhan A, Liu D, Richter R, Braicu I, Mahner S, Harter P, Trillsch F, Kumar S, Peiretti M, Dowdy SC, Maggioni A, Trope C, Sehouli J. Value of tertiary cytoreductive surgery in epithelial ovarian cancer: an international multicenter evaluation. <i>Ann Surg Oncol.</i> 2013 Apr;20(4):1348-54.
	Pils D, Tong D, Hager G, Obermayr E, Aust S, Heinze G, Kohl M, Schuster E, Wolf A, Sehouli J, Braicu I, Vergote I, Van Gorp T, Mahner S, Concin N, Speiser P, Zeillinger R. A combined blood based gene expression and plasma protein abundance signature for diagnosis of epithelial ovarian cancer-a study of the OVCAD consortium. <i>BMC Cancer.</i> 2013 Apr 3;13:178.
	Pietzner K, Woopen H, Richter R, Joens T, Braicu EI, Dimitrova D, Mellstedt H, Darb-Esfahani S, Denkert C, Lindhofer H, Fotopoulou C, Sehouli J. Expression of epithelial cell adhesion molecule in paired tumor samples of patients with primary and recurrent serous ovarian cancer. <i>Int J Gynecol Cancer.</i> 2013 Jun;23(5):797-802.
	Trillsch F, Woelber L, Eulenburg C, Braicu I, Lambrechts S, Chekerov R, van Nieuwenhuysen E, Speiser P, Zeimet A, Castillo-Tong DC, Concin N, Zeillinger R, Vergote I, Mahner S, Sehouli J. Treatment reality in elderly patients with advanced ovarian cancer: a prospective analysis of the OVCAD consortium. <i>J Ovarian Res.</i> 2013 Jun 28;6(1):42.
	Iborra S, Hirschfeld M, Jaeger M, Zur Hausen A, Braicu I, Sehouli J, Gitsch G, Stickeler E. Alterations in expression pattern of splicing factors in epithelial ovarian cancer and its clinical impact. <i>Int J Gynecol Cancer.</i> 2013 Jul;23(6):990-6.
	Liebscher CA, Prinzler J, Sinn BV, Budczies J, Denkert C, Noske A, Sehouli J, Braicu EI, Dietel M, Darb-Esfahani S. Aldehyde dehydrogenase 1/epidermal growth factor receptor coexpression is characteristic of a highly aggressive, poor-prognosis subgroup of high-grade serous ovarian carcinoma. <i>Hum Pathol.</i> 2013 Aug;44(8):1465-71.
	Biskup K, Braicu EI, Sehouli J, Fotopoulou C, Tauber R, Berger M, Blanchard V. "Serum glycome profiling: a biomarker for diagnosis of ovarian cancer." <i>J Proteome Res.</i> 2013 Sep 6;12(9):4056-63.
	Bachmayr-Heyda A, Aust S, Heinze G, Polterauer S, Grimm C, Braicu EI, Sehouli J, Lambrechts S, Vergote I, Mahner S, Pils D, Schuster E, Thalhammer T, Horvat R, Denkert C, Zeillinger R, Castillo-Tong DC. Prognostic impact of tumor infiltrating CD8+ T cells in association with cell proliferation in ovarian cancer patients-a study of the OVCAD consortium. <i>BMC Cancer.</i> 2013 Sep 17;13:422.
	Biskup K, Braicu EI, Sehouli J, Fotopoulou C, Tauber R, Berger M, Blanchard V. Serum glycome profiling: a biomarker for diagnosis of ovarian cancer. <i>J Proteome Res.</i> 2013 Sep 6;12(9):4056-63.

**Full Publications List**

Year	Paper
	<p>Hofstetter G, Concin N, Braicu I, Chekerov R, Sehouli J, Cadron I, Van Gorp T, Trillsch F, Mahner S, Ulmer H, Grimm C, Castillo-Tong DC, Zeillinger R, Zeimet AG, Vergote I.            The time interval from surgery to start of chemotherapy significantly impacts prognosis in patients with advanced serous ovarian carcinoma - analysis of patient data in the prospective OVCAD study.  <i>Gynecol Oncol.</i> 2013 Oct;131(1):15-20.</p> <p>Fotopoulou C, Braicu EI, Kwee SL, Kuhberg M, Richter R, Pietzner K, Feldheiser A, Bahra M, Schmidt SC, Sehouli J.            Salvage surgery due to bowel obstruction in advanced or relapsed ovarian cancer resulting in short bowel syndrome and long-life total parenteral nutrition: surgical and clinical outcome.  <i>Int J Gynecol Cancer.</i> 2013 Oct;23(8):1495-500.</p> <p>Mustea A, Koensgen D, Belau A, Sehouli J, Lichtenegger W, Schneidewind L, Sommer H, Markmann S, Scharf JP, Ehmke M, Ledwon P, Braicu I, Zygmunt M, Koehler G.            Adjuvant sequential chemoradiation therapy in high-risk endometrial cancer: results of a prospective, multicenter phase-II study of the NOGGO (North-Eastern German Society of Gynaecological Oncology).  <i>Cancer Chemother Pharmacol.</i> 2013 Nov;72(5):975-83.</p> <p>Braicu EI, Chekerov R, Richter R, Pop C, Nassir M, Loefgren H, Stamatian F, Muallem MZ, Hall C, Fotopoulou C, Sehouli J, Pietzner K.            HE4 Expression in Plasma Correlates with Surgical Outcome and Overall Survival in Patients with First Ovarian Cancer Relapse.  <i>Ann Surg Oncol.</i> 2013 Nov 12 .</p> <p>Türbachova I, Schwachula T, Vasconcelos I, Mustea A, Baldinger T, Jones KA, Bujard H, Olek A, Olek K, Gellhaus K, Braicu I, Könsgen D, Fryer C, Ravot E, Hellwag A, Westerfeld N, Gruss OJ, Meissner M, Hasan MT, Weber M, Hoffmüller U, Zimmermann S, Loddenkemper C, Mahner S, Babel N, Berns E, Adams R, Zeillinger R, Baron U, Vergote I, Maughan T, Marme F, Dickhaus T, Sehouli J, Olek S. "The cellular ratio of immune tolerance (immunoCRIT) is a definite marker for aggressiveness of solid tumors and may explain tumor dissemination patterns." <i>Epigenetics.</i> 2013 Nov 1;8(11):1226-35.</p>
<b>2014</b>	<p>Castillo-Tong DC, Pils D, Heinze G, Braicu I, Sehouli J, Reinthaller A, Schuster E, Wolf A, Watrowski R, Maki RA, Zeillinger R, Reynolds WF. Association of myeloperoxidase with ovarian cancer. <i>Tumour Biol.</i> 2014 Jan;35(1):141-8.</p> <p>Pils D, Bachmayr-Heyda A, Auer K, Svoboda M, Auner V, Hager G, Obermayr E, Reiner A, Reinthaller A, Speiser P, Braicu I, Sehouli J, Lambrechts S, Vergote I, Mahner S, Berger A, Cacsire Castillo-Tong D, Zeillinger R.            Cyclin E1 (CCNE1) as independent positive prognostic factor in advanced stage serous ovarian cancer patients - a study of the OVCAD consortium.  <i>Eur J Cancer.</i> 2014 Jan;50(1):99-110.</p> <p>Darb-Esfahani S, Sinn BV, Rudl M, Sehouli J, Braicu I, Dietel M, Denkert C.            Interferon-stimulated gene, 15 kDa (ISG15) in ovarian high-grade serous carcinoma: prognostic impact and link to NF-κB pathway. <i>Int J Gynecol Pathol.</i> 2014 Jan; 33(1):16-22.</p> <p>Muallem MZ, Braicu I, Nassir M, Richter R, Sehouli J, Arsenic R.            ERCC1 Expression as a Predictor of Resistance to Platinum-based Chemotherapy in Primary Ovarian Cancer.  <i>Anticancer Res.</i> 2014 Jan; 34(1):393-9.</p> <p>Feldheiser A, Braicu EI, Bonomo T, Walther A, Kaufner L, Pietzner K, Spies C, Sehouli J, Fotopoulou C.            Impact of Ascites on the Perioperative Course of Patients With Advanced Ovarian Cancer Undergoing Extensive Cytoreduction: Results of a Study on 119 Patients.  <i>Int J Gynecol Cancer.</i> 2014 Jan 22</p> <p>Castillo-Tong DC, Pils D, Heinze G, Braicu I, Sehouli J, Reinthaller A, Schuster E, Wolf A, Watrowski R, Maki RA, Zeillinger R, Reynolds WF.            Association of myeloperoxidase with ovarian cancer.  <i>Tumour Biol.</i> 2014 Jan;35(1):141-8.</p> <p>Aust S, Auer K, Bachmayr-Heyda A, Denkert C, Sehouli J, Braicu I, Mahner S, Lambrechts S, Vergote I, Grimm C, Horvat R, Castillo-Tong DC, Zeillinger R, Pils D.            Ambivalent role of pFAK-Y397 in serous ovarian cancer--a study of the OVCAD consortium.  <i>Mol Cancer.</i> 2014 Mar 21;13:67.</p> <p>Schwedler C, Kaup M, Petzold D, Hoppe B, Braicu EI, Sehouli J, Ehlers M, Berger M, Tauber R, Blanchard V.            Sialic acid methylation refines capillary electrophoresis laser-induced fluorescence analyses of immunoglobulin G N-glycans of ovarian cancer patients.  <i>Electrophoresis.</i> 2014 Apr;35(7):1025-31.</p> <p>Ruscito I, Dimitrova D, Vasconcelos I, Gellhaus K, Schwachula T, Bellati F, Zeillinger R, Benedetti-Panici P, Vergote I, Mahner S, Cacsire-Tong D, Concin N, Darb-Esfahani S, Lambrechts S, Sehouli J, Olek S, Braicu EI.            BRCA1 gene promoter methylation status in high-grade serous ovarian cancer patients - A study of the tumour Bank ovarian cancer (TOC) and ovarian cancer diagnosis consortium (OVCAD).  <i>Eur J Cancer.</i> 2014 May 30.</p>

**Full Publications List**

Year	Paper
	<p>Woopen H, Pietzner K, Richter R, Fotopoulou C, Joens T, Braicu EI, Mellstedt, H, Mahner S, Lindhofer H, Darb-Esfahani S, Denkert C, Sehouli J.            Overexpression of the epithelial cell adhesion molecule is associated with a more favourable prognosis and response to platinum-based chemotherapy in ovarian cancer.  <i>J Gynecol Oncol.</i> 2014 Jul;25(3):221-8.</p> <p>Lazarou A, Fotopoulou C, Coumbos A, Sehouli J, Vasiljeva J, Braicu I, Burger H, Kuehn W.            Long-term follow-up of borderline ovarian tumors clinical outcome and prognostic factors.  <i>Anticancer Res.</i> 2014 Nov;34(11):6725-30.</p> <p>Schwedler C, Kaup M, Weiz S, Hoppe M, Braicu EI, Sehouli J, Hoppe B, Tauber R, Berger M, Blanchard V.            Identification of 34 N-glycan isomers in human serum by capillary electrophoresis coupled with laser-induced fluorescence allows improving glycan biomarker discovery.  <i>Anal Bioanal Chem.</i> 2014 Nov;406(28):7185-93.</p> <p>Despierre E, Moisse M, Yesilyurt B, Sehouli J, Braicu I, Mahner S, Castillo-Tong DC, Zeillinger R, Lambrechts S, Leunen K, Amant F, Moerman P, Lambrechts D, Vergote I.            Somatic copy number alterations predict response to platinum therapy in epithelial ovarian cancer.  <i>Gynecol Oncol.</i> 2014 Dec;135(3):415-22.</p>
2015	<p>Okamoto A, Sehouli J, Yanaihara N, Hirata Y, Braicu I, Kim BG, Takakura S, Saito M, Yanagida S, Takenaka M, Yamaguchi N, Morikawa A, Tanabe H, Yamada K, Yoshihara K, Enomoto T, Itamochi H, Kigawa J, Matsumura N, Konishi I, Aida S, Aoki Y, Ishii N, Ochiai K, Akiyama T, Urashima M.            Somatic copy number alterations associated with Japanese or endometriosis in ovarian clear cell adenocarcinoma.  <i>PLoS One.</i> 2015 Feb 6;10(2):e0116977.</p> <p>Koensgen D, Bruennert D, Ungureanu S, Sofroni D, Braicu EI, Sehouli J, Sümnick A, Delogo S, Zygmunt M, Goyal P, Evert M, Olek S, Biebler KE, Mustea A.            Polymorphism of the IL-8 gene and the risk of ovarian cancer.  <i>Cytokine.</i> 2015 Feb;71(2):334-8.</p> <p>Feldheiser A, Yosef AB, Braicu EI, Bonomo T, Kaufner L, Spies C, Sehouli J, Fotopoulou C, Pietzner K.            Surgery at primary versus relapsed epithelial ovarian cancer: a study on aspects of anaesthesiological management.  <i>Anticancer Res.</i> 2015 Mar;35(3):1591-601.</p> <p>Vasconcelos I, Olschewski J, Braicu I, Sehouli J.            Limited efficacy of platinum-based adjuvant treatment on the outcome of borderline ovarian tumors.  <i>Eur J Obstet Gynecol Reprod Biol.</i> 2015 Mar;186:26-33.</p> <p>Muallem MZ, Gasimli K, Richter R, Almuheimid J, Nasser S, Braicu EI, Sehouli J.            AGO Score As a Predictor of Surgical Outcome at Secondary Cytoreduction in Patients with Ovarian Cancer.  <i>Anticancer Res.</i> 2015 Jun;35(6):3423-9.</p> <p>Seeber A, Braicu I, Untergasser G, Nassir M, Fong D, Botta L, Gastl G, Fiegl H, Zeimet A, Sehouli J, Spizzo G.            Detection of soluble EpCAM (sEpCAM) in malignant ascites predicts poor overall survival in patients treated with catumaxomab.  <i>Oncotarget.</i> 2015 Jul 10.</p> <p>Gasimli K, Braicu EI, Richter R, Chekerov R, Sehouli J.            Prognostic and Predictive Value of the Peritoneal Cancer Index in Primary Advanced Epithelial Ovarian Cancer Patients After Complete Cytoreductive Surgery: Study of Tumor Bank Ovarian Cancer.  <i>Ann Surg Oncol.</i> 2015 Aug;22(8):2729-37.</p> <p>Ganapathi MK, Jones WD, Sehouli J, Michener CM, Braicu IE, Norris EJ, Biscotti CV, Vaziri SA, Ganapathi RN.            Expression profile of COL2A1 and the pseudogene SLC6A10P predicts tumor recurrence in high-grade serous ovarian cancer.  <i>Int J Cancer.</i> 2015 Aug 27.</p> <p>Nassir M, Guan J, Luketina H, Siepmann T, Rohr I, Richter R, Castillo-Tong DC, Zeillinger R, Vergote I, Van Nieuwenhuysen E, Concin N, Marth C, Hall C, Mahner S, Woelber L, Sehouli J, Braicu EI.            The role of HE4 for prediction of recurrence in epithelial ovarian cancer patients-results from the OVCAD study.  <i>Tumour Biol.</i> 2015 Sep</p> <p>Arsenic R, Braicu EI, Letsch A, Dietel M, Sehouli J, Keilholz U, Ochseneither S.            Cancer-testis antigen cyclin A1 is broadly expressed in ovarian cancer and is associated with prolonged time to tumor progression after platinum-based therapy.  <i>BMC Cancer.</i> 2015 Oct 24;15:784.</p> <p>Lohneis P, Darb-Esfahani S, Dietel M, Braicu I, Sehouli J, Arsenic R.            PDK1 is Expressed in Ovarian Serous Carcinoma and Correlates with Improved Survival in High-grade Tumors.  <i>Anticancer Res.</i> 2015 Nov;35(11):6329-34.</p>

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**Full Publications List**

Year	Paper
2016	Darb-Esfahani S, Kunze CA, Kulbe H, Sehouli J, Wienert S, Lindner J, Budczies J, Bockmayr M, Dietel M, Denkert C, Braicu I, Jöhrens K. Prognostic impact of programmed cell death-1 (PD-1) and PD-ligand 1 (PD-L1) expression in cancer cells and tumor-infiltrating lymphocytes in ovarian high grade serous carcinoma. <i>Oncotarget</i> . 2016 Jan 12;7(2):1486-99.
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Year	Paper
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	<p>Kreuzinger C, Geroldinger A, Smeets D, Braicu EI, Sehouli J, Koller J, Wolf A, Darb-Esfahani S, Jöhrens K, Vergote I, Vanderstichele A, Boeckx B, Lambrechts D, Gabra H, Wisman GBA, Trillsch F, Heinze G, Horvat R, Polteraer S, Berns EMJJ, Theillet CG, Cacsire Castillo-Tong D.            A complex network of tumor microenvironment in human high grade serous ovarian cancer.  <i>Clin Cancer Res.</i> 2017 Oct 2. pii: clincanres.1159.2017. doi: 10.1158/1078-0432.CCR-17-1159.</p> <p>Gungorduk K, Ascioglu O, Braicu EI, Almuheimid J, Gokulu SG, Cetinkaya N, Gungor T, Pakay G, Telli EU, Cuyilan ZF, Toptas T, Bilgi A, Ozyurt R, Agacayak E, Ozdemir A, Yildirim N, Taskin S, Oge T, Erol O, Akman L, Turan A, Icen MS, Senol T, Ovali OI, Yucesoy B, Gungorduk O, Temizkan O, Sancı M, Simsek T, Meydanli MM, Harma M, Yasar L, Uysal AD, Karateke A, Ortac F, Ozalp SS, Sehouli J, Muallem MZ.            The Impact of Surgical Staging on the Prognosis of Mucinous Borderline Tumors of the Ovaries: A Multicenter Study.  <i>Anticancer Res.</i> 2017 Oct;37(10):5609-5616</p> <p>Kischkel FC, Meyer C, Eich J, Nassir M, Mentze M, Braicu I, Kopp-Schneider A, Sehouli J.            Prediction of clinical response to drugs in ovarian cancer using the chemotherapy resistance test (CTR-test).  <i>J Ovarian Res.</i> 2017 Oct 27;10(1):72.</p> <p>Obermayr E, Bednarz-Knoll N, Orsetti B, Weier HU, Lambrechts S, Castillo-Tong DC, Reinthaller A, Braicu EI, Mahner S, Sehouli J, Vergote I, Theillet C, Zeillinger R, Brandt B.            Circulating tumor cells: potential markers of minimal residual disease in ovarian cancer? a study of the OVCAD consortium.  <i>Oncotarget.</i> 2017 Nov 16;8(63):106415-106428.</p> <p>Gschwantler-Kaulich D, Weingartshofer S, Rappaport-Fürhauser C, Zeilinger R, Pils D, Muhr D, Braicu EI, Kastner MT, Tan YY, Semmler L, Sehouli J, Singer CF.            Diagnostic markers for the detection of ovarian cancer in BRCA1 mutation carriers.  <i>PLoS One.</i> 2017 Dec 15;12(12):e0189641. doi:10.1371/journal.pone.0189641.</p>
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Year	Paper
	Caumanns JJ, Berns K, Wisman GBA, Fehrmann RSN, Tomar T, Klip H, Meersma GJ, Hijmans EM, Gennissen A, Duiker EW, Weening D, Itamochi H, Kluin RJ, Reyners AKL, Birrer MJ, Salvesen HB, Vergote I, Van Nieuwenhuysen E, Brenton JD, Braicu EI, Kupryjanczyk J, Spiewankiewicz B, Mittempergher L, Bernards R, van der Zee AGJ, de Jong S. Integrative kinome profiling identifies mTORC1/2 inhibition as treatment strategy in ovarian clear cell carcinoma. Clin Cancer Res. 2018 Apr 23. pii: clincanres.3060.2017.
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	<p>Panoutsopoulou K, Avgeris M, Mavridis K, Dreyer T, Dorn J, Obermayr E, Reinthaller A, Michaelidou K, Mahner S, Vergote I, Vanderstichele A, Braicu I, Sehouli J, Zeillinger R, Magdolen V, Scorilas A.            miR-203 is an independent molecular predictor of prognosis and treatment outcome in ovarian cancer: a multi-institutional study.  <i>Carcinogenesis.</i> 2020 Jun 17;41(4):442-451. doi: 10.1093/carcin/bgz163. PMID: 31586203.</p>
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	<p>Nasser S, Fotopoulou C, Richter R, Kaulich J, Braicu E, Beteta C, Olschewski J, Babayeva A, Sehouli J. Prognostic Value and Therapeutic Implications of Pleural Carcinosis and Malignant Pleural Effusion in Advanced Epithelial Ovarian Cancer. Anticancer Res. 2021 Apr;41(4):2033-2038.</p>
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	<p>Grzeski M, Taube ET, Braicu EI, Sehouli J, Blanchard V, Klein O.            In Situ N-Glycosylation Signatures of Epithelial Ovarian Cancer Tissue as Defined by MALDI Mass Spectrometry Imaging.            Cancers (Basel). 2022 Feb 17;14(4):1021.</p>
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	<p>Marchenko S, Piwonski I, Hoffmann I, Sinn BV, Kunze CA, Monjé N, Pohl J, Kulbe H, Schmitt WD, Darb-Esfahani S, Braicu EI, von Brünneck AC, Sehouli J, Denkert C, Horst D, Jöhrens K, Taube ET.            Prognostic value of regulatory T cells and T helper 17 cells in high grade serous ovarian carcinoma.            J Cancer Res Clin Oncol. 2022 Jun 28.</p>
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Year	Paper
	<p>Barretina-Ginesta MP, Monk BJ, Han S, Pothuri B, Auranen A, Chase DM, Lorusso D, Anderson C, Abadie-Lacourtoisie S, Cloven N, Braicu EI, Amit A, Redondo A, Shah R, Kebede N, Hawkes C, Gupta D, Woodward T, O'Malley DM, González-Martín A. Quality-adjusted time without symptoms of disease or toxicity and quality-adjusted progression-free survival with niraparib maintenance in first-line ovarian cancer in the PRIMA trial. <i>Ther Adv Med Oncol.</i> 2022 Sep 22;14:17588359221126149.</p> <p>Ihlow J, Monjé N, Hoffmann I, Bischoff P, Sinn BV, Schmitt WD, Kunze CA, Darb-Esfahani S, Kulbe H, Braicu EI, Sehouli J, Denkert C, Horst D, Taube ET. Low Expression of RGS2 Promotes Poor Prognosis in High-Grade Serous Ovarian Cancer. <i>Cancers (Basel).</i> 2022 Sep 23;14(19):4620.</p> <p>Nasser S, Babayeva A, Braicu I, Richter R, Bilir E, Chekerov R, Muallem MZ, Pietzner K, Inci MG, Sehouli J. Can a morphological description of the peritoneal carcinomatosis in advanced ovarian cancer add prognostic information? Analysis of 1686 patients of the tumor bank ovarian cancer. <i>Front Oncol.</i> 2022 Dec 21;12:1014073.</p>
<b>2023</b>	<p>Glajzer J, Castillo-Tong DC, Richter R, Vergote I, Kulbe H, Vanderstichele A, Ruscito I, Trillsch F, Mustea A, Kreuzinger C, Gourley C, Gabra H, Taube ET, Dorigo O, Horst D, Keunecke C, Baum J, Angelotti T, Sehouli J, Braicu EI. Impact of BRCA Mutation Status on Tumor Dissemination Pattern, Surgical Outcome and Patient Survival in Primary and Recurrent High-Grade Serous Ovarian Cancer: A Multicenter Retrospective Study by the Ovarian Cancer Therapy-Innovative Models Prolong Survival (OCTIPS) Consortium. <i>Ann Surg Oncol.</i> 2023 Jan;30(1):35-45. doi: 10.1245/s10434-022-12459-3. Epub 2022 Sep 9</p> <p>Panoutoupoulou K, Magkou P, Dreyer T, Dorn J, Obermayr E, Mahner S, van Gorp T, Braicu I, Magdolen V, Zeillinger R, Avgeris M, Scorilas A. tRNA-derived small RNA 3'U-trFValCAC promotes tumour migration and early progression in ovarian cancer. <i>Eur J Cancer.</i> 2023 Feb;180:134-145.</p> <p>Heublein S, Baum J, Jaeger A, Grimm-Glang D, Olthoff J, Braicu EI, Azzam Nieto O, Hassdenteufel K, Schmalfeldt B, Hanker L, Wallwiener M, Schneeweiss A, Sehouli J, Pietzner K. Current Treatment Practices and Prognostic Factors in Early-Stage Ovarian Cancer-An Analysis of the NOGGO/JAGO. <i>Cancers (Basel).</i> 2023 Mar 29;15(7):2038. doi: 10.3390/cancers15072038.</p> <p>Baum J, Zickler D, Bolbrinker J, Richter R, Braicu EI, Grabowski J, Sehouli J. Olaparib in an ovarian cancer patient with end-stage renal disease and hemodialysis. <i>Cancer Chemother Pharmacol.</i> 2023 Apr;91(4):325-330. doi: 10.1007/s00280-023-04514-x.</p> <p>Plett H, Ricciardi E, Vacaru V, Ramspott JP, Colombo N, Sehouli J, du Bois A, Garbi A, Richter R, Ataseven B, Aletti G, Braicu E, Heitz F, Portuesi R, Muallem MZ, Dages T, Parma G, Roser E, Traut A, Multinu F, Harter P. Adult ovarian granulosa cell tumors: analysis of outcomes and risk factors for recurrence. <i>Int J Gynecol Cancer.</i> 2023 May 1;33(5):734-740</p> <p>Kassuhn W, Cutillas PR, Kessler M, Sehouli J, Braicu EI, Blüthgen N, Kulbe H. In Silico Analysis Predicts Nuclear Factors NR2F6 and YAP1 as Mesenchymal Subtype-Specific Therapeutic Targets for Ovarian Cancer Patients. <i>Cancers (Basel).</i> 2023 Jun 12;15(12):3155. doi: 10.3390/cancers15123155.</p> <p>Vergote I, Van Nieuwenhuysen E, Casado A, Laenen A, Lorusso D, Braicu EI, Guerra-Alia E, Zola P, Wimberger P, Debruyne PR, Falcó E, Ferrero A, Muallem MZ, Kerger J, García-Martinez E, Pignata S, Sehouli J, Van Gorp T, Gennigens C, Rubio MJ. Randomized phase II BGOG/ENGOT-cx1 study of paclitaxel-carboplatin with or without nintedanib in first-line recurrent or advanced cervical cancer. <i>Gynecol Oncol.</i> 2023 Jul;174:80-88. doi: 10.1016/j.ygyno.2023.04.028.</p> <p>Jank P, Leichsenring J, Kolb S, Hoffmann I, Bischoff P, Kunze CA, Dragomir MP, Gleitsmann M, Jesinghaus M, Schmitt WD, Kulbe H, Sers C, Stenzinger A, Sehouli J, Braicu IE, Westhoff C, Horst D, Denkert C, Gröschel S, Taube ET. High EVI1 and PARP1 expression as favourable prognostic markers in high-grade serous ovarian carcinoma. <i>J Ovarian Res.</i> 2023 Jul 31;16(1):150. doi: 10.1186/s13048-023-01239-6.</p> <p>Klar M, Plett H, Harter P, Heitz F, Kommos S, Hartkopf AD, Grube M, Roser E, Sehouli J, Braicu I, Czogalla B, Burges A, Bossart M, Hasanov MF, Link T, Staebler A, Mayr D, Buderath P, Hasenburger A. Treatment and survival of patients with malignant ovarian sex cord-stromal cell tumours: An analysis of the Arbeitsgemeinschaft für Gynäkologische Onkologie (AGO) study group CORSETT database. <i>J Surg Oncol.</i> 2023 Jul;128(1):111-118. doi: 10.1002/jso.27248.</p>

**Full Publications List**

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	<p>Chekerov R, Arndt T, Pietzner K, Canzler U, Wimberger P, Strauß HG, Mahner S, Woelber L, de Gregorio N, Stocker G, von Abel E, Neunhoeffer T, Belau AK, Mustea A, Yalinkaya I, Braicu EI, Richter R, Sehouli J; NOGGO ovarian cancer study group. Pazopanib with Topotecan weekly for patients with platinum-resistant or intermediate-sensitive recurrent ovarian cancer: results of a multicentre, open label phase I/II study (TOPAZ). <i>J Cancer Res Clin Oncol</i>. 2023 Aug;149(10):7637-7649. doi: 10.1007/s00432-023-04647-9.</p>
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	<p>Monjé N, Dragomir MP, Sinn BV, Hoffmann I, Makhmut A, Simon T, Kunze CA, Ihlow J, Schmitt WD, Pohl J, Piwonski I, Marchenko S, Keunecke C, Calina TG, Tiso F, Kulbe H, Kreuzinger C, Cacsire Castillo-Tong D, Sehouli J, Braicu EI, Denkert C, Darb-Esfahani S, Kübler K, Capper D, Coscia F, Morkel M, Horst D, Sers C, Taube ET. AHRH and SFRP2 in primary versus recurrent high-grade serous ovarian carcinoma and their prognostic implication. <i>Br J Cancer</i>. 2024 May;130(8):1249-1260. doi: 10.1038/s41416-023-02550-1.</p>

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Year	Paper
	<p>Fromhage G, Obermayr E, Bednarz-Knoll N, Van Gorp T, Welsch E, Polterauer S, Braicu EI, Mahner S, Sehouli J, Vergote I, Concin N, Kurtz S, Steinbiss S, Torge A, Zeillinger R, Wölber L, Brandt B.            Loss of copy numbers of retrotransposons (HERVK) on chromosome 7p11.2 impacts EGFR (Epidermal Growth Factor Receptor)-induced phenotypes for platinum sensitivity and long-term survival in ovarian cancer-A study from the OVCAD consortium.  <i>Int J Cancer</i>. 2024 May 6. doi: 10.1002/ijc.34976. Epub ahead of print.</p>
	<p>Arends CM, Kopp K, Hablesreiter R, Estrada N, Christen F, Moll UM, Zeillinger R, Schmitt WD, Sehouli J, Kulbe H, Fleischmann M, Ray-Coquard I, Zeimet A, Raspagliesi F, Zamagni C, Vergote I, Lorusso D, Concin N, Bullinger L, Braicu EI, Damm F.            Dynamics of clonal hematopoiesis under DNA-damaging treatment in patients with ovarian cancer.  <i>Leukemia</i>. 2024 Jun;38(6):1378-1389. doi: 10.1038/s41375-024-02253-3. Epub 2024 Apr 18. Erratum in: <i>Leukemia</i>. 2024 Jun;38(6):1440. doi: 10.1038/s41375-024-02274-y.</p>
	<p>Graybill WS, Pardo Búrdalo B, O'Malley DM, Vergote I, Monk BJ, Auranen A, Copeland LJ, Sabbatini R, Herzog TJ, Follana P, Pothuri B, Braicu EI, McCormick C, Yubero A, Moore RG, Vuylsteke P, Raaschou-Jensen N, York W, Hartman J, González-Martín A.            Predictors of long-term progression-free survival in patients with ovarian cancer treated with niraparib in the PRIMA/ENGOT-OV26/GOG-3012 study.  <i>Int J Gynecol Cancer</i>. 2024 Jul 1;34(7):1041-1050. doi: 10.1136/ijgc-2024-005356. PMID: 38950925</p>
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<b>2025</b>	<p>Armbrust R, Fotopoulou C, Zocholl D, Chekerov R, Muallem MZ, Braicu I, Pietzner K, Harter P, Sehouli J.            Role of lymphadenectomy in advanced ovarian cancer – a subgroup analysis of the patients excluded from the LION trial (the Charité cohort).  <i>Int J Gynecol Cancer</i>. 2025 Feb 15:101683. doi: 10.1016/j.ijgc.2025.101683. Online ahead of print. PMID: 40057416</p> <p>Tsibulak I, Hashemi R, Welz J, Moubarak M, Zdanyte K, Traut A, Müller C, Heikaus S, Förster S, Schmitt C, Rauschendorf MA, Kaiser S, Westermann T, Braicu EI, Sehouli J, Harter P, Heitz F.            Molecular tumor board for gynecologic malignancies: the real-world experience from the Department for Gynecology and Gynecologic Oncology of Kliniken Essen-Mitte.  <i>Int J Gynecol Cancer</i>. 2025 Feb;35(2):100054. doi: 10.1016/j.ijgc.2024.100054. Epub 2024 Dec 18. PMID: 39971438</p>