

References

1. Ashton KA, Proietto A, Otton G, et al. Toll-like receptor (TLR) and nucleosome-binding oligomerization domain (NOD) gene polymorphisms and endometrial cancer risk. *BMC cancer* 2010;10:382.
2. Stelloo E, Nout RA, Osse EM, et al. Improved Risk Assessment by Integrating Molecular and Clinicopathological Factors in Early-stage Endometrial Cancer-Combined Analysis of the PORTEC Cohorts. *Clin Cancer Res* 2016;22:4215-24.
3. Alves M, Carreira I, Liberato P, et al. Identification of a 0.4 Kb deletion region in 10q26 associated with endometrial carcinoma. *Oncol Rep* 2010;23:519-22.
4. Ashton KA, Proietto A, Otton G, et al. Polymorphisms in genes of the steroid hormone biosynthesis and metabolism pathways and endometrial cancer risk. *Cancer Epidemiol* 2010;34:328-37.
5. Ashton KA, Proietto A, Otton G, et al. Toll-like receptor (TLR) and nucleosome-binding oligomerization domain (NOD) gene polymorphisms and endometrial cancer risk. *BMC cancer* 2010;10:382.
6. Bilbao C, Lara PC, Ramirez R, et al. Microsatellite instability predicts clinical outcome in radiation-treated endometrioid endometrial cancer. *Int J Radiat Oncol Biol Phys* 2010;76:9-13.
7. Cayan F, Tok E, Aras-Ates N, et al. Insulin receptor substrate-2 gene polymorphism: is it associated with endometrial cancer? *Gynecol Endocrinol* 2010;26:378-82.
8. Dobrzycka B, Terlikowski SJ, Mazurek A, et al. Circulating free DNA, p53 antibody and mutations of KRAS gene in endometrial cancer. *Int J Cancer* 2010;127:612-21.
9. Gaudet MM, Yang HP, Bosquet JG, et al. No association between FTO or HHEX and endometrial cancer risk. *Cancer Epidemiol Biomarkers Prev* 2010;19:2106-9.
10. Ghasemi N, Karimi-Zarchi M, Mortazavi-Zadeh MR, et al. Evaluation of the frequency of TP53 gene codon 72 polymorphisms in Iranian patients with endometrial cancer. *Cancer Genet Cytogenet* 2010;196:167-70.
11. Janiec-Jankowska A, Konopka B, Goluda C, et al. TP53 mutations in endometrial cancers: relation to PTEN gene defects. *Int J Gynecol Cancer* 2010;20:196-202.
12. Lee E, Hsu C, Haiman CA, et al. Genetic variation in the progesterone receptor gene and risk of endometrial cancer: a haplotype-based approach. *Carcinogenesis* 2010;31:1392-9.
13. Low YL, Li Y, Humphreys K, et al. Multi-variant pathway association analysis reveals the importance of genetic determinants of estrogen metabolism in breast and endometrial cancer susceptibility. *PLoS Genet* 2010;6:e1001012.
14. Murayama-Hosokawa S, Oda K, Nakagawa S, et al. Genome-wide single-nucleotide polymorphism arrays in endometrial carcinomas associate extensive chromosomal instability with poor prognosis and unveil frequent chromosomal imbalances involved in the PI3-kinase pathway. *Oncogene* 2010;29:1897-908.
15. Prescott J, McGrath M, Lee IM, et al. Telomere length and genetic analyses in population-based studies of endometrial cancer risk. *Cancer* 2010;116:4275-82.
16. Sliwinski T, Sitarek P, Stetkiewicz T, et al. Polymorphism of the ERalpha and CYP1B1 genes in endometrial cancer in a Polish subpopulation. *J Obstet Gynaecol Res* 2010;36:311-7.
17. Terry K, McGrath M, Lee IM, et al. Genetic variation in CYP11A1 and StAR in relation to endometrial cancer risk. *Gynecol Oncol* 2010;117:255-9.
18. Wang PH, Yi YC, Tsai HT, et al. Significant association of genetic polymorphism of human nonmetastatic clone 23 type 1 gene with an increased risk of endometrial cancer. *Gynecol Oncol* 2010;119:70-5.
19. Yang HP, Gonzalez Bosquet J, Li Q, et al. Common genetic variation in the sex hormone metabolic pathway and endometrial cancer risk: pathway-based evaluation of candidate genes. *Carcinogenesis* 2010;31:827-33.
20. Yi YC, Chou PT, Chen LY, et al. Matrix metalloproteinase-7 (MMP-7) polymorphism is a risk factor for endometrial cancer susceptibility. *Clin Chem Lab Med* 2010;48:337-44.
21. Cheung LW, Hennessy BT, Li J, et al. High frequency of PIK3R1 and PIK3R2 mutations in endometrial cancer elucidates a novel mechanism for regulation of PTEN protein stability. *Cancer Discov* 2011;1:170-85.
22. Doherty JA, Weiss NS, Fish S, et al. Polymorphisms in nucleotide excision repair genes and endometrial cancer risk. *Cancer Epidemiol Biomarkers Prev* 2011;20:1873-82.
23. Hlavna M, Kohut L, Lipkova J, et al. Relationship of resistin levels with endometrial cancer risk. *Neoplasma* 2011;58:124-8.
24. Karageorgi S, McGrath M, Lee IM, et al. Polymorphisms in genes hydroxysteroid-dehydrogenase-17b type 2 and type 4 and endometrial cancer risk. *Gynecol Oncol* 2011;121:54-8.
25. Karageorgi S, Prescott J, Wong JY, et al. GSTM1 and GSTT1 copy number variation in population-based studies of endometrial cancer risk. *Cancer Epidemiol*

- Biomarkers Prev 2011;20:1447-52.
26. Konopka B, Janiec-Jankowska A, Kwiatkowska E, et al. PIK3CA mutations and amplification in endometrioid endometrial carcinomas: relation to other genetic defects and clinicopathologic status of the tumors. *Hum Pathol* 2011;42:1710-9.
 27. Krupa R, Sobczuk A, Poplawski T, et al. DNA damage and repair in endometrial cancer in correlation with the hOGG1 and RAD51 genes polymorphism. *Mol Biol Rep* 2011;38:1163-70.
 28. Lacey JV Jr, Yang H, Gaudet MM, et al. Endometrial cancer and genetic variation in PTEN, PIK3CA, AKT1, MLH1, and MSH2 within a population-based case-control study. *Gynecol Oncol* 2011;120:167-73.
 29. Li G, Xiang YB, Courtney R, et al. Association of a single nucleotide polymorphism at 6q25.1,rs2046210, with endometrial cancer risk among Chinese women. *Chin J Cancer* 2011;30:138-43.
 30. Lurie G, Gaudet MM, Spurdle AB, et al. The obesity-associated polymorphisms FTO rs9939609 and MC4R rs17782313 and endometrial cancer risk in non-Hispanic white women. *PLoS One* 2011;6:e16756.
 31. McGrath M, Lee IM, Buring J, et al. Common genetic variation within IGFI, IGFII, IGFBP-1, and IGFBP-3 and endometrial cancer risk. *Gynecol Oncol* 2011;120:174-8.
 32. O'Mara TA, Fahey P, Ferguson K, et al. Progesterone receptor gene variants and risk of endometrial cancer. *Carcinogenesis* 2011;32:331-5.
 33. O'Mara TA, Ferguson K, Fahey P, et al. CHEK2, MGMT, SULT1E1 and SULT1A1 polymorphisms and endometrial cancer risk. *Twin Res Hum Genet* 2011;14:328-32.
 34. Spurdle AB, Thompson DJ, Ahmed S, et al. Genome-wide association study identifies a common variant associated with risk of endometrial cancer. *Nat Genet* 2011;43:451-4.
 35. Steinbakk A, Malpica A, Slewa A, et al. High frequency microsatellite instability has a prognostic value in endometrial endometrioid adenocarcinoma, but only in FIGO stage 1 cases. *Cell Oncol (Dordr)* 2011;34:457-65.
 36. Su CK, Yeh KT, Yeh CB, et al. Genetic polymorphism of the plasminogen activator inhibitor-1 is associated with an increased risk of endometrial cancer. *J Surg Oncol* 2011;104:755-9.
 37. Wong TF, Yoshinaga K, Monma Y, et al. Association of keap1 and nrf2 genetic mutations and polymorphisms with endometrioid endometrial adenocarcinoma survival. *Int J Gynecol Cancer* 2011;21:1428-35.
 38. Zigelboim I, Reinhart AJ, Gao F, et al. DICER1 expression and outcomes in endometrioid endometrial adenocarcinoma. *Cancer* 2011;117:1446-53.
 39. Cacina C, Bulgurcuoglu-Kuran S, Iyibozkurt AC, et al. Genetic variants of SDF-1 and CXCR4 genes in endometrial carcinoma. *Mol Biol Rep* 2012;39:1225-9.
 40. Chen X, Xiang YB, Long JR, et al. Genetic polymorphisms in obesity-related genes and endometrial cancer risk. *Cancer* 2012;118:3356-64.
 41. Correa-Noronha SA, Noronha SM, Alecrim C, et al. Association of angiotensin-converting enzyme I gene I/D polymorphism with endometrial but not with ovarian cancer. *Gynecol Endocrinol* 2012;28:889-91.
 42. Cossu-Rocca P, Contini M, Uras MG, et al. Tyrosine kinase receptor status in endometrial stromal sarcoma: an immunohistochemical and genetic-molecular analysis. *Int J Gynecol Pathol* 2012;31:570-9.
 43. Cote ML, Kam A, Chang CY, et al. A pilot study of microsatellite instability and endometrial cancer survival in white and African American women. *Int J Gynecol Pathol* 2012;31:66-72.
 44. Gilibert-Estellés J, Ramon LA, Braza-Boils A, et al. Plasminogen activator inhibitor-1 (PAI-1) 4 G/5 G polymorphism and endometrial cancer. Influence of PAI-1 polymorphism on tissue PAI-1 antigen and mRNA expression and tumor severity. *Thromb Res* 2012;130:242-7.
 45. Ikeda Y, Oda K, Nakagawa S, et al. Genome-wide single nucleotide polymorphism arrays as a diagnostic tool in patients with synchronous endometrial and ovarian cancer. *Int J Gynecol Cancer* 2012;22:725-31.
 46. Knappskog S, Trovik J, Marcickiewicz J, et al. SNP285C modulates oestrogen receptor/Sp1 binding to the MDM2 promoter and reduces the risk of endometrial but not prostatic cancer. *Eur J Cancer* 2012;48:1988-96.
 47. Kowalewska M, Danska-Bidzinska A, Bakula-Zalewska E, et al. Identification of suitable reference genes for gene expression measurement in uterine sarcoma and carcinosarcoma tumors. *Clin Biochem* 2012;45:368-71.
 48. Leslie KK, Sill MW, Lankes HA, et al. Lapatinib and potential prognostic value of EGFR mutations in a Gynecologic Oncology Group phase II trial of persistent or recurrent endometrial cancer. *Gynecol Oncol* 2012;127:345-50.
 49. Li Y, Low HQ, Foo JN, et al. Genetic variants in ER cofactor genes and endometrial cancer risk. *PLoS One* 2012;7:e42445.
 50. Long J, Zheng W, Xiang YB, et al. Genome-wide association study identifies a possible susceptibility locus for endometrial cancer. *Cancer Epidemiol Biomarkers Prev* 2012;21:980-7.

51. Lundin E, Wirgin I, Lukanova A, et al. Selected polymorphisms in sex hormone-related genes, circulating sex hormones and risk of endometrial cancer. *Cancer Epidemiol* 2012;36:445-52.
52. Nevadunsky NS, Korneeva I, Caputo T, et al. Mannose-binding lectin codon 54 genetic polymorphism and vaginal protein levels in women with gynecologic malignancies. *Eur J Obstet Gynecol Reprod Biol* 2012;163:216-8.
53. Nikolic A, Ristanovic M, Perovic V, et al. Genetic alterations in SMAD4 and K-ras in Serbian patients with endometrial carcinoma. *Int J Gynecol Cancer* 2012;22:442-6.
54. Razavi P, Lee E, Bernstein L, et al. Variations in sex hormone metabolism genes, postmenopausal hormone therapy and risk of endometrial cancer. *Int J Cancer* 2012;130:1629-38.
55. Romanowicz-Makowska H, Smolarz B, Polac I, et al. Single nucleotide polymorphisms of RAD51 G135C, XRCC2 Arg188His and XRCC3 Thr241Met homologous recombination repair genes and the risk of sporadic endometrial cancer in Polish women. *J Obstet Gynaecol Res* 2012;38:918-24.
56. Setiawan VW, Haessler J, Schumacher F, et al. HNF1B and endometrial cancer risk: results from the PAGE study. *PLoS One* 2012;7:e30390.
57. Sobczuk A, Poplawski T, Blasiak J. Polymorphisms of DNA repair genes in endometrial cancer. *Pathol Oncol Res* 2012;18:1015-20.
58. Tong SY, Lee JM, Ki KD, et al. Genetic polymorphism of PRKCDBP is associated with an increased risk of endometrial cancer. *Cancer Invest* 2012;30:642-5.
59. Wang LE, Ma H, Hale KS, et al. Roles of genetic variants in the PI3K and RAS/RAF pathways in susceptibility to endometrial cancer and clinical outcomes. *J Cancer Res Clin Oncol* 2012;138:377-85.
60. Zahedi P, Aminimoghaddam S, Sayahpour FA, et al. Association of survivin gene polymorphism with endometrial cancer. *Int J Gynecol Cancer* 2012;22:35-7.
61. Zheng YY, Xie L, Liu L, et al. BAT-25 polymorphism in Chinese from Jiangsu province and its implication for locus microsatellite instability screening. *Int J Biol Markers* 2012;27:e227-31.
62. Zaj c A, Stachowiak G, Pertynski T, et al. Association between MDM2 SNP309 polymorphism and endometrial cancer risk in Polish women. *Pol J Pathol* 2012;63:278-83.
63. Davis SJ, Sheppard KE, Pearson RB, et al. Functional analysis of genes in regions commonly amplified in high-grade serous and endometrioid ovarian cancer. *Clin Cancer Res* 2013;19:1411-21.
64. Delahanty RJ, Xiang YB, Spurdle A, et al. Polymorphisms in inflammation pathway genes and endometrial cancer risk. *Cancer Epidemiol Biomarkers Prev* 2013;22:216-23.
65. Dorjgochoo T, Xiang YB, Long J, et al. Association of genetic markers in the BCL-2 family of apoptosis-related genes with endometrial cancer risk in a Chinese population. *PLoS One* 2013;8:e60915.
66. Hirasawa A, Zama T, Akahane T, et al. Polymorphisms in the UGT1A1 gene predict adverse effects of irinotecan in the treatment of gynecologic cancer in Japanese patients. *J Hum Genet* 2013;58:794-8.
67. Hosono S, Matsuo K, Ito H, et al. Polymorphisms in base excision repair genes are associated with endometrial cancer risk among postmenopausal Japanese women. *Int J Gynecol Cancer* 2013;23:1561-8.
68. Hsu YT, Gu F, Huang YW, et al. Promoter hypomethylation of EpCAM-regulated bone morphogenetic protein gene family in recurrent endometrial cancer. *Clin Cancer Res* 2013;19:6272-85.
69. Jarzabek K, Koda M, Walentowicz-Sadlecka M, et al. Altered expression of ERs, aromatase, and COX2 connected to estrogen action in type 1 endometrial cancer biology. *Tumour Biol* 2013;34:4007-16.
70. Li D, Takao T, Tsunematsu R, et al. Inhibition of AHR transcription by NF1C is affected by a single-nucleotide polymorphism, and is involved in suppression of human uterine endometrial cancer. *Oncogene* 2013;32:4950-9.
71. Liu JJ, Bertrand KA, Karageorgi S, et al. Prospective analysis of vitamin D and endometrial cancer risk. *Ann Oncol* 2013;24:687-92.
72. Liu JJ, Hazra A, Giovannucci E, et al. One-carbon metabolism factors and endometrial cancer risk. *Br J Cancer* 2013;108:183-7.
73. Meng F, Li H, Zhou R, et al. LAPT4B gene polymorphism and endometrial carcinoma risk and prognosis. *Biomarkers* 2013;18:136-43.
74. Palles C, Cazier JB, Howarth KM, et al. Germline mutations affecting the proofreading domains of POLE and POLD1 predispose to colorectal adenomas and carcinomas. *Nat Genet* 2013;45:136-44. Erratum in: *Nat Genet*. 2013 Jun;45(6):713. Guarino Almeida, Estrella [corrected to Guarino, Estrella].
75. Wik E, Birkeland E, Trovik J, et al. High phospho-Stathmin(Serine38) expression identifies aggressive endometrial cancer and suggests an association with PI3K inhibition. *Clin Cancer Res* 2013;19:2331-41.
76. Wik E, Raeder MB, Krakstad C, et al. Lack of estrogen receptor-alpha is associated with epithelial-mesenchymal

- transition and PI3K alterations in endometrial carcinoma. *Clin Cancer Res* 2013;19:1094-105.
77. Yoneda T, Kuboyama A, Kato K, et al. Association of MDM2 SNP309 and TP53 Arg72Pro polymorphisms with risk of endometrial cancer. *Oncol Rep* 2013;30:25-34.
 78. Zajc A, Stachowiak G, Smolarz B, et al. Polymorphisms of codon 72 of the TP53 gene in endometrial carcinoma of postmenopausal women. *Postepy Hig Med Dosw (Online)* 2013;67:1312-8.
 79. Zhao S, Choi M, Overton JD, et al. Landscape of somatic single-nucleotide and copy-number mutations in uterine serous carcinoma. *PNAS* 2013;110:2916-21.
 80. De Vivo I, Prescott J, Setiawan VW, et al. Genome-wide association study of endometrial cancer in E2C2. *Hum Genet* 2014;133:211-24.
 81. Forma E, Wójcik-Krowiranda K, Jówiak P, et al. Topoisomerase II binding protein 1 c.*229C>T (rs115160714) gene polymorphism and endometrial cancer risk. *Pathol Oncol Res* 2014;20:597-602.
 82. Gatalica Z, Snyder C, Maney T, et al. Programmed cell death 1 (PD-1) and its ligand (PD-L1) in common cancers and their correlation with molecular cancer type. *Cancer Epidemiol Biomarkers Prev* 2014;23:2965-70.
 83. Kafshdooz L, Tabrizi AD, Mohaddes SM, et al. The polymorphism of hypoxia-inducible factor-1a gene in endometrial cancer. *Asian Pac J Cancer Prev* 2014;15:10393-6.
 84. Kafshdooz T, Tabrizi AD, Mohaddes Ardabili SM, et al. Polymorphism of p53 gene codon 72 in endometrial cancer: correlation with tumor grade and histological type. *Asian Pac J Cancer Prev* 2014;15:9603-6.
 85. Knappskog S, Gansmo LB, Dibirova K, et al. Population distribution and ancestry of the cancer protective MDM2 SNP285 (rs117039649). *Oncotarget* 2014;5:8223-34.
 86. Lattrich C, Haring J, Schuler S, et al. Polymorphisms in the promoter region of estrogen receptor beta gene in endometrial cancer. *Arch Gynecol Obstet* 2014;289:631-5.
 87. Lee LJ, Ratner E, Uduman M, et al. The KRAS-variant and miRNA expression in RTOG endometrial cancer clinical trials 9708 and 9905. *PloS One* 2014;9:e94167.
 88. Maiques O, Cuevas D, Garcia Dios DA, et al. FISH analysis of PTEN in endometrial carcinoma. Comparison with SNP arrays and MLPA. *Histopathology* 2014;65:371-88.
 89. Michalska MM, Samulak D, Romanowicz H, et al. Association of polymorphisms in the 5' untranslated region of RAD51 gene with risk of endometrial cancer in the Polish population. *Arch Gynecol Obstet* 2014;290:985-91.
 90. Qiu CP, Lv QT, Dongol S, et al. Single nucleotide polymorphism of SREBF-1 gene associated with an increased risk of endometrial cancer in Chinese women. *PloS One* 2014;9:e90491.
 91. Rudd ML, Mohamed H, Price JC, et al. Mutational analysis of the tyrosine kinase in serous and clear cell endometrial cancer uncovers rare somatic mutations in TNK2 and DDR1. *BMC Cancer* 2014;14:884.
 92. Stelloo E, Nout RA, Naves LC, et al. High concordance of molecular tumor alterations between pre-operative curettage and hysterectomy specimens in patients with endometrial carcinoma. *Gynecol Oncol* 2014;133:197-204.
 93. Williams KA, Terry KL, Tworoger SS, et al. Polymorphisms of MUC16 (CA125) and MUC1 (CA15.3) in relation to ovarian cancer risk and survival. *PloS One* 2014;9:e88334.
 94. Zajc A, Smolarz B, Stachowiak G, et al. TP53 and MDM2 polymorphisms and the risk of endometrial cancer in postmenopausal women. *Med Oncol* 2014;31:286.
 95. Zhang B, Xing X, Li J, et al. Comparative DNA methylome analysis of endometrial carcinoma reveals complex and distinct deregulation of cancer promoters and enhancers. *BMC Genomics* 2014;15:868.
 96. Aminimoghaddam S, Shahrabi-Farahani M, Mohajeri-Tehrani M, et al. Epistatic interaction between adiponectin and survivin gene polymorphisms in endometrial carcinoma. *Pathol Res Pract* 2015;211:293-7.
 97. Bae HS, Kim H, Young Kwon S, et al. Should endometrial clear cell carcinoma be classified as Type II endometrial carcinoma? *Int J Gynecol Pathol* 2015;34:74-84.
 98. Berg A, Hoivik EA, Mjos S, et al. Molecular profiling of endometrial carcinoma precursor, primary and metastatic lesions suggests different targets for treatment in obese compared to non-obese patients. *Oncotarget* 2015;6:1327-39.
 99. Carvajal-Carmona LG, O'Mara TA, Painter JN, et al. Candidate locus analysis of the TERT-CLPTM1L cancer risk region on chromosome 5p15 identifies multiple independent variants associated with endometrial cancer risk. *Hum Genet* 2015;134:231-45.
 100. Fallah S, Korani M, Hajimirza M, et al. Association Between Genetic Variants of Akt1 and Endometrial Cancer. *Biochem Genet* 2015;53:281-90.
 101. Ivanova TI, Krikunova LI, Ryabchenko NI, et al. Association of the apolipoprotein E 2 allele with concurrent occurrence of endometrial hyperplasia and endometrial carcinoma. *Oxid Med Cell Longev* 2015;2015:593658.
 102. Kafshdooz L, Kafshdooz T, Tabrizi AD, et al. Role of exon 7 PTEN Gene in Endometrial Carcinoma. *Asian Pac J*

- Cancer Prev 2015;16:4521-4.
103. Kafshdooz T, Mohaddes Ardabili SM, Kafshdooz L, et al. C-kit Mutations in Endometrial Cancer: Correlation with Tumor Histologic Type. *Asian Pac J Cancer Prev* 2015;16:7449-52.
 104. Kito M, Motoyama S, Fujita K, et al. CRP 1846C>T Genetic Polymorphism Is Associated with Lymph Node Metastasis and/or Severe Lymphatic Invasion in Endometrial Cancer. *Tohoku J Exp Med* 2015;237:25-30.
 105. Mandato VD, Farnetti E, Torricelli F, et al. HNF1B polymorphism influences the prognosis of endometrial cancer patients: a cohort study. *BMC Cancer* 2015;15:229.
 106. Michalska MM, Samulak D, Bienkiewicz J, et al. Association between -41657C/T single nucleotide polymorphism of DNA repair gene XRCC2 and endometrial cancer risk in Polish women. *Pol J Pathol* 2015;66:67-71.
 107. Moir-Meyer GL, Pearson JF, Lose F, et al. Rare germline copy number deletions of likely functional importance are implicated in endometrial cancer predisposition. *Hum Genet* 2015;134:269-78.
 108. Nallapalle SR, Daripally S, Prasad VT. Promoter polymorphism of FASL confers protection against female-specific cancers and those of FAS impact the cancers divergently. *Tumour Biol* 2015;36:2709-24.
 109. O'Mara TA, Glubb DM, Painter JN, et al. Comprehensive genetic assessment of the ESR1 locus identifies a risk region for endometrial cancer. *Endocr Relat Cancer* 2015;22:851-61.
 110. Okamoto K, Tsunematsu R, Tahira T, et al. SNP55, a new functional polymorphism of MDM2-P2 promoter, contributes to allele-specific expression of MDM2 in endometrial cancers. *BMC Med Genet* 2015;16:67.
 111. Painter JN, O'Mara TA, Batra J, et al. Fine-mapping of the HNF1B multicancer locus identifies candidate variants that mediate endometrial cancer risk. *Hum Mol Genet* 2015;24:1478-92.
 112. Pluciennik E, Nowakowska M, Pospiech K, et al. The role of WWOX tumor suppressor gene in the regulation of EMT process via regulation of CDH1-ZEB1-VIM expression in endometrial cancer. *Int J Oncol* 2015;46:2639-48.
 113. Stefansson IM, Raeder M, Wik E, et al. Increased angiogenesis is associated with a 32-gene expression signature and 6p21 amplification in aggressive endometrial cancer. *Oncotarget* 2015;6:10634-45.
 114. Suga Y, Sugai T, Uesugi N, et al. Molecular analysis of isolated tumor glands from endometrial endometrioid adenocarcinomas. *Pathol Int* 2015;65:240-9.
 115. Sutton J, Orloff MS, Michener C, et al. Association of specific PTEN/10q haplotypes with endometrial cancer phenotypes in African-American and European American women. *Gynecol Oncol* 2015;138:434-40.
 116. Tamura R, Yoshihara K, Yamawaki K, et al. Novel kinase fusion transcripts found in endometrial cancer. *Sci Rep* 2015;5:18657.
 117. Torricelli F, Mandato VD, Farnetti E, et al. Polymorphisms in cyclooxygenase-2 gene in endometrial cancer patients. *Tumour Biol* 2015;36:7423-30.
 118. Walker CJ, Miranda MA, O'Hern MJ, et al. Patterns of CTCF and ZFH3 Mutation and Associated Outcomes in Endometrial Cancer. *J Natl Cancer Inst* 2015;107:djv249.
 119. Wang L, Fang L, Cui Y. Association between ERBB4 gene polymorphism in the microRNA binding site and endometrial carcinoma risk. *Genes Genom* 2015;37:1035-9.
 120. Wang L, Li J, Lu H, et al. Association analysis between 8-oxoguanine DNA glycosylase genetic variants and endometrial cancer susceptibility in Chinese Han population. *J Pharm Pharmacol* 2015;67:559-64.
 121. Wang L, Lu H, Li J, et al. The association between XRCC1 genetic polymorphisms and the risk of endometrial carcinoma in Chinese. *Gene* 2015;554:155-9.
 122. Wong SQ, Fellowes A, Doig K, et al. Assessing the clinical value of targeted massively parallel sequencing in a longitudinal, prospective population-based study of cancer patients. *Br J Cancer* 2015;112:1411-20.
 123. Yin D, Jiang Y, Zhang S, et al. No association between p21 gene rs1059234 polymorphisms and risk of endometrial cancer among Han women in Northeast China. *Cell Biochem Biophys* 2015;71:167-71.
 124. Yu X, Zhou B, Zhang Z, et al. Significant association between IL-32 gene polymorphisms and susceptibility to endometrial cancer in Chinese Han women. *Tumour Biol* 2015;36:5265-72.
 125. Zheng LY, Song AP, Chen L, et al. Association of genetic polymorphisms in AURKA, BRCA1, CCNE1 and CDK2 with the risk of endometrial carcinoma and clinicopathological parameters among Chinese Han women. *Eur J Obstet Gynecol Reprod Biol* 2015;184:65-72.
 126. Anglesio MS, Wang YK, Maassen M, et al. Synchronous Endometrial and Ovarian Carcinomas: Evidence of Clonality. *J Natl Cancer Inst* 2016;108:djv428.
 127. Biekiewicz J, Smolarz B, Malinowski A. Association Between Single Nucleotide Polymorphism +276G > T (rs1501299) in ADIPOQ and Endometrial Cancer. *Pathol Oncol Res* 2016;22:135-8.

128. Bolton KA, Holliday EG, Attia J, et al. A novel polymorphic repeat in the upstream regulatory region of the estrogen-induced gene EIG121 is not associated with the risk of developing breast or endometrial cancer. *BMC Res Notes* 2016;9:287.
129. Chao A, Wu RC, Jung SM, et al. Implication of genomic characterization in synchronous endometrial and ovarian cancers of endometrioid histology. *Gynecol Oncol* 2016;143:60-7.
130. Chen L, Liu MM, Liu H, et al. ERCC1 and XRCC1 but not XPA single nucleotide polymorphisms correlate with response to chemotherapy in endometrial carcinoma. *Onco Targets Ther* 2016;9:7019-28.
131. Hogervorst JG, van den Brandt PA, Godschalk RW, et al. The influence of single nucleotide polymorphisms on the association between dietary acrylamide intake and endometrial cancer risk. *Sci Rep* 2016;6:34902.
132. Kaveh F, Baumbusch LO, Nebdal D, et al. A systematic comparison of copy number alterations in four types of female cancer. *BMC Cancer* 2016;16:913.
133. Kwasniewski W, Gozdzicka-Jozefiak A, Wolun-Cholewa M, et al. Microsatellite polymorphism in the P1 promoter region of the IGF1 gene is associated with endometrial cancer. *Mol Med Rep* 2016;13:4950-8.
134. Menghi F, Inaki K, Woo X, et al. The tandem duplicator phenotype as a distinct genomic configuration in cancer. *PNAS* 2016;113:E2373-82.
135. Michalska MM, Samulak D, Jablonski F, et al. The R156R ERCC2 polymorphism as a risk factor of endometrial cancer. *Tumour Biol* 2016;37:2171-6.
136. Nagasawa T, Sugai T, Shoji T, et al. Molecular Analysis of Single Tumor Glands Using the Crypt Isolation Method in Endometrial Carcinomas. *Int J Gynecol Cancer* 2016;26:1658-66.
137. Pringle KG, Delforce SJ, Wang Y, et al. Renin-angiotensin system gene polymorphisms and endometrial cancer. *Endocr Connect* 2016;5:128-35.
138. Ramirez-Garcia SA, Flores-Alvarado LJ, Topete-Gonzalez LR, et al. High frequency of ancestral allele of the TJP1 polymorphism rs2291166 in Mexican population, conformational effect and applications in surgery and medicine. *Cir Cir* 2016;84:28-36.
139. Sun D, Fan YJ, Chen YM, et al. BRCA1 single nucleotide polymorphisms and microsatellite instability in endometrial cancer and their association with patient prognosis in a Chinese population. *Eur J Gynaecol Oncol* 2016;38:871-7.
140. Sun Y, Zhang L, Ho SS, et al. Lower mitochondrial DNA copy number in peripheral blood leukocytes increases the risk of endometrial cancer. *Mol Carcinog* 2016;55:1111-7.
141. Thompson DJ, O'Mara TA, Glubb DM, et al. CYP19A1 fine-mapping and Mendelian randomization: estradiol is causal for endometrial cancer. *Endocr Relat Cancer* 2016;23:77-91.
142. Wang HY, Zhang JJ, Zheng XY, et al. Association between IL-6 Gene (-174 & -572 G/C) Polymorphisms and Endometrial Adenocarcinoma Risk. *Pathol Oncol Res* 2016;22:825-9.
143. Yang L, Wang YJ, Zheng LY, et al. Genetic Polymorphisms of TGFB1, TGFBR1, SNAI1 and TWIST1 Are Associated with Endometrial Cancer Susceptibility in Chinese Han Women. *PloS One* 2016;11:e0155270.
144. Yu X, Zhou B, Zhang Z, et al. Insertion/deletion polymorphism in IL1A 3'-UTR is associated with susceptibility to endometrial cancer in Chinese Han women. *J Obstet Gynaecol Res* 2016;42:983-9.
145. Zhao X, Wei X, Zhao L, et al. The rs6983267 SNP and long non-coding RNA CARLo-5 are associated with endometrial carcinoma. *Environ Mol Mutagen* 2016;57:508-15.
146. Ayhan A, Kuhn E, Wu RC, et al. CCNE1 copy-number gain and overexpression identify ovarian clear cell carcinoma with a poor prognosis. *Mod Pathol* 2017;30:297-303.
147. Biekiewicz J, Romanowicz H, Malinowski A, et al. Association of Single Nucleotide Polymorphism -2548 G/A (rs12112075) of leptin gene with endometrial cancer and uterine leiomyomas. *Eur J Obstet Gynecol Reprod Biol* 2017;218:113-8.
148. Chang YS, Huang HD, Yeh KT, et al. Identification of novel mutations in endometrial cancer patients by whole-exome sequencing. *Int J Oncol* 2017;50:1778-84.
149. Depreeuw J, Stelloo E, Osse EM, et al. Amplification of 1q32.1 Refines the Molecular Classification of Endometrial Carcinoma. *Clin Cancer Res* 2017;23:7232-41.
150. Fialkova V, Vidomanova E, Balharek T, et al. DNA methylation as mechanism of apoptotic resistance development in endometrial cancer patients. *Gen Physiol Biophys* 2017;36:521-9.
151. Gansmo LB, Bjornslett M, Halle MK, et al. MDM2 promoter polymorphism del1518 (rs3730485) and its impact on endometrial and ovarian cancer risk. *BMC Cancer* 2017;17:97.
152. Hu JL, Hu XL, Han Q, et al. INSR gene polymorphisms correlate with sensitivity to platinum-based chemotherapy and prognosis in patients with epithelial ovarian cancer. *Gene Ther* 2017;24:392-8.

153. Pandey V, Zhang M, Chong QY, et al. Hypomethylation associated enhanced transcription of trefoil factor-3 mediates tamoxifen-stimulated oncogenicity of ER+ endometrial carcinoma cells. *Oncotarget* 2017;8:77268-91.
154. Russo M, Broach J, Sheldon K, et al. Clonal evolution in paired endometrial intraepithelial neoplasia/atypical hyperplasia and endometrioid adenocarcinoma. *Hum Pathol* 2017;67:69-77.
155. Wang W, Li Y, Li S, et al. Pooling-Based Genome-Wide Association Study Identifies Risk Loci in the Pathogenesis of Ovarian Endometrioma in Chinese Han Women. *Reprod Sci* 2017;24:400-6.
156. Wu JP, Luo X. The association between murine double minute 2 (MDM2) rs2279744 and endometrial cancer risk in a Chinese Han population. *Cell Mol Biol* 2017;63:128-30.
157. Yıldırım ME, Karakus S, Kurtulgan HK, et al. The Association of Plasminogen Activator Inhibitor Type 1 (PAI-1) Level and PAI-1 4G/5G Gene Polymorphism with the Formation and the Grade of Endometrial Cancer. *Biochem Genet* 2017;55:314-21.
158. Geng YH, Wang ZF, Jia YM, et al. Genetic polymorphisms in CDH1 are associated with endometrial carcinoma susceptibility among Chinese Han women. *Oncol Lett* 2018;16:6868-78.
159. Kolin DL, Dong F, Baltay M, et al. SMARCA4-deficient undifferentiated uterine sarcoma (malignant rhabdoid tumor of the uterus): a clinicopathologic entity distinct from undifferentiated carcinoma. *Mod Pathol* 2018;31:1442-56.
160. Matsuura M, Yamaguchi K, Tamate M, et al. Efficacy of liquid-based genetic diagnosis of endometrial cancer. *Cancer Sci* 2018;109:4025-32.
161. Oz M, Karakus S, Yildirim M, et al. Genetic variants in the microRNA machinery gene (Dicer) have a prognostic value in the management of endometrial cancer. *J Cancer Res Ther* 2018;14:1279-84.
162. Reiter JG, Makohon-Moore AP, Gerold JM, et al. Minimal functional driver gene heterogeneity among untreated metastases. *Science* 2018;361:1033-7.
163. Smolarz B, Michalska MM, Samulak D, et al. Studies of Correlations Between Single Nucleotide Polymorphisms of DNA Repair Genes and Endometrial Cancer in Polish Women. *Anticancer Res* 2018;38:5223-9.
164. Soumerai TE, Donoghue MTA, Bandlamudi C, et al. Clinical Utility of Prospective Molecular Characterization in Advanced Endometrial Cancer. *Clin Cancer Res* 2018;24:5939-47.
165. Yang L, Zhang L, Huang Q, et al. Combination of Scoring Criteria and Whole Exome Sequencing Analysis of Synchronous Endometrial and Ovarian Carcinomas. *Int J Gynecol Cancer* 2018;28:704-12.
166. Yoshimoto M, Tokuda A, Nishiwaki K, et al. Abnormal Expression of PICT-1 and Its Codon 389 Polymorphism Is a Risk Factor for Human Endometrial Cancer. *Oncology* 2018;95:43-51.
167. You D, Wang Y, Zhang Y, et al. Association of Foxp3 promoter polymorphisms with susceptibility to endometrial cancer in the Chinese Han women. *Medicine* 2018;97:e0582.
168. Brooks RA, Tritchler DS, Darcy KM, et al. GOG 8020/210: Risk stratification of lymph node metastasis, disease progression and survival using single nucleotide polymorphisms in endometrial cancer: An NRG oncology/gynecologic oncology group study. *Gynecol Oncol* 2019;153:335-42.
169. Buchynska LG, Brieieva OV, Iurchenko NP. Assessment of HER-2/neu, small es, Cyrillic-MYC and CCNE1 gene copy number variations and protein expression in endometrial carcinomas. *Exp Oncol* 2019;41:138-43.
170. Cai J, Cui K, Niu F, et al. Genetics of IL6 polymorphisms: Case-control study of the risk of endometrial cancer. *Mol Genet Genomic Med* 2019;7:e00600.
171. de Jonge MM, Auguste A, van Wijk LM, et al. Frequent Homologous Recombination Deficiency in High-grade Endometrial Carcinomas. *Clin Cancer Res* 2019;25:1087-97.
172. Dong F, Costigan DC, Howitt BE. Targeted next-generation sequencing in the detection of mismatch repair deficiency in endometrial cancers. *Mod Pathol* 2019;32:252-7.
173. Gotoh O, Sugiyama Y, Takazawa Y, et al. Clinically relevant molecular subtypes and genomic alteration-independent differentiation in gynecologic carcinosarcoma. *Nat Commun* 2019;10:4965.
174. Hájková N, Ticha I, Hojny J, et al. Synchronous endometrioid endometrial and ovarian carcinomas are biologically related: A clinico-pathological and molecular (next generation sequencing) study of 22 cases. *Oncol Lett* 2019;17:2207-14.
175. Huang CY, Liao KW, Chou CH, et al. Pilot Study to Establish a Novel Five-Gene Biomarker Panel for Predicting Lymph Node Metastasis in Patients With Early Stage Endometrial Cancer. *Front Oncol* 2020;9:1508.
176. Inoue S, Hirota Y, Ueno T, et al. Uterine adenomyosis is an oligoclonal disorder associated with KRAS mutations. *Nat Commun* 2019;10:5785.

177. Liu T, Jiang L, Yu L, et al. Association of TNFAIP8 gene polymorphisms with endometrial cancer in northern Chinese women. *Cancer Cell Int* 2019;19:105.
178. Ozgor BY, Iyibozkurt C, Bastu E, et al. Investigation of resistin 420 and 62 gene polymorphism in patients with endometrial cancer. *Taiwan J Obstet Gynecol* 2019;58:164-7.
179. Tekin L, Edgunlu T, Celik SK. Lack of association between sirtuin gene variants and endometrial cancer. *Meta Gene* 2019;19:56-9.
180. Wu J, Zhang W, Cai J, et al. Influence of IL-1R2 polymorphisms on endometrial cancer susceptibility in the Chinese Han population. *Mol Genet Genomic Med* 2019;7:e650.
181. Wujcicka W, Zajac A, Stachowiak G. Impact of MDM2, TP53 and P14ARF Polymorphisms on Endometrial Cancer Risk and Onset. *In Vivo* 2019;33:917-24.
182. Casas-Arozamena C, Diaz E, Moiola CP, et al. Genomic Profiling of Uterine Aspirates and cfDNA as an Integrative Liquid Biopsy Strategy in Endometrial Cancer. *J Clin Med* 2020;9:585.
183. Kolin DL, Quick CM, Dong F, et al. SMARCA4-deficient Uterine Sarcoma and Undifferentiated Endometrial Carcinoma Are Distinct Clinicopathologic Entities. *Am J Surg Pathol* 2020;44:263-70.
184. Liu Y, Sun Y, Wu J, et al. Polymorphisms in IL-1A are associated with endometrial cancer susceptibility among Chinese Han population: A case-control study. *Int J Immunogenet* 2020;47:169-74.
185. O'Hara AJ, Le Gallo M, Rudd ML, et al. High-resolution copy number analysis of clear cell endometrial carcinoma. *Cancer Genet* 2020;240:5-14.
186. Wujcicka W, Zajac A, Szylo K, et al. Association of SNPs in CDKN2A (P14ARF) Tumour Suppressor Gene with Endometrial Cancer in Postmenopausal Women. *In Vivo* 2020;34:943-51.