

Publications

regarding

GynTect[®] & ScreenYu Gyn[®] markers

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Vieira-Baptista P., Costa M., Hippe J., Sousa C., Schmitz M., Silva AR., Hansel A. and Preti M. 2024

Evaluation of Host Gene Methylation as a Triage Test for HPV-Positive Women—A Cohort Study

J Low Genit Tract Dis: [doi: 10.1097/LGT.0000000000000830](https://doi.org/10.1097/LGT.0000000000000830)

de Waard J., Bhattacharya A., de Boer MT, van Hemel BM., Esajas MD., Vermeulen KM., de Bock GH., Schuurung E., Wisman BGA. 2024

Methylation Analysis to Detect CIN3+ in High-Risk Human Papillomavirus-Positive Self-Samples From the Population-Based Cervical Cancer Screening Program

Modern Pathology: [doi:10.1016/j.modpat.2024.100528](https://doi.org/10.1016/j.modpat.2024.100528)

Hoyer H., Scheungraber C., Mehlhorn G., Hagemann I., Scherbring S., Wölber L., Petzold A., Wunsch K., Schmitz M., Hampl M., Böhmer G., Hillemanns P., Runnebaum IB and Dürst M. 2024

Accuracy of GynTect Methylation Markers to Detect Recurrent Disease in Patients Treated for CIN3: A Proof-of-Concept Case-Control Study

Cancers 2024: doi.org/10.3390/cancers16173022

Shi L., Yang X., He L., Zheng C., Ren Z., Warsame J.A., Suye S., Yan L., Cai H., Xiao X., Fu C., 2023

Promoter hypermethylation analysis of host genes in cervical intraepithelial neoplasia and cervical cancers on histological cervical specimens

BMC Cancer: doi.org/10.1186/s12885-023-10628-5

Hoyer, H.; Stolte, C.; Böhmer, G.; Hampl, M.; Hagemann, I.; Maier, E.; Denecke, A.; Hirchenhain, C.; Patzke, J.; Jentschke, M.; et al. 2023

Evaluation of CIN2/3 Lesion Regression in GynTect® DNA Methylation-Marker-Negative Patients in a Longitudinal Study.

Cancers 2023: doi.org/10.3390/cancers15153951

Fan C., Ma Q., Wu X., Dai X., Peng Q., Cai H. 2023

Detection of DNA Methylation in Gene Loci ASTN1, DLX1, ITGA4, RXFP3, SOX17, and ZNF671 for Diagnosis of Cervical Cancer.

Cancer Manag Res: [doi: 10.2147/CMAR.S417877](https://doi.org/10.2147/CMAR.S417877).

Zhang L., Zhao X, HuS., Chen S., Zhao S., Dong L., Carvalho AL., Muwonge R., Zhao F., Basu P. 2021

Triage performance and predictive value of the human gene methylation panel among women positive on self-collected HPV test: Results from a prospective cohort study

Cancer Epidemiology: [doi: 10.1002/ijc.34041](https://doi.org/10.1002/ijc.34041)

Klischke L., von Ehr J., Kohls, F. Kampers J, Hülse F., Schmitz M., Hennig A., Dörk T., Hillemanns P., Jentschke M. 2021

Performance of a six-methylation-marker assay on self-collected cervical samples – A feasibility study.

J Virol Methods: doi.org/10.1016/j.jviromet.2021.114219

Jentschke M., Lehmann R., Drews N., Hansel A., Schmitz M., Hillemanns P.

2020 Psychological distress in cervical cancer screening: results from a German online survey

Arch Gynecology and Obstetrics: doi.org/10.1007/s00404-020-05661-9

Dippmann C., Schmitz M., Wunsch K., Schütze S., Beer K., Greinke C., Ikenberg H, Runnebaum IB, Hansel A., Dürst M .2020

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Clin. Epigenetics: [doi: 10.1186/s13148-020-00963-w](https://doi.org/10.1186/s13148-020-00963-w)

Josefine Beiersdorf, Cornelia Scheungraber, Kristina Wunsch, Martina Schmitz, Alfred Hansel, Heike Hoyer, Mieczyslaw Gajda, Christiane Greinke, Ingo B. Runnebaum, Matthias Dürst, Claudia Backsch. 2019

Combined assessment of 3q26 amplification and promoter methylation in patients with high grade cervical lesions show age specific differences

Genes, Chromosomes & Cancer: doi.org/10.1002/gcc.22818

Schmitz M., Eichelkraut K., Schmidt D., Zeiser I., Ikenberg H., Dürst M., Hansel A. 2018

Performance of a DNA methylation marker panel using liquid-based cervical scrapes to detect cervical cancer and its precancerous stages.

BMC Cancer: doi.org/10.1186/s12885-018-5125-8

Eichelkraut K., Schmidt D., Schmitz M., Zeiser I., Ikenberg H., Dürst M., Hansel A. 2017.

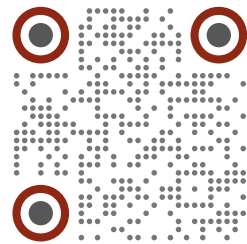
Performance of a DNA methylation marker panel using liquid-based cervical scrapes to detect cervical cancer and its precancerous stages.

[NewsLab 8: 5-8](#)

Hansel A., Steinbach D., Greinke C., Schmitz M., Eiselt J., Scheungraber C., Gajda M., Hoyer H., Runnebaum IB., Dürst M. 2014.

A Promising DNA Methylation Signature for the Triage of High-Risk Human Papillomavirus DNA-Positive Women.

PLoS one 9: [doi: 10.1371/journal.pone.0091905](https://doi.org/10.1371/journal.pone.0091905).



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