

Vetenskapliga publikationer baserade på kvalitetsregistret eller experters kunskaper i NKCx

Publikationer år 2024

- Advisory Group recommendations on priorities for the IARC Monographs
Amy Berrington de González a, Scott A Masten a, Parveen Bhatti a, Renée Turzanski Fortner a, Susan Peters a, Tiina Santonen a, Marianna G Yakubovskaya a, Robert Barouki a, Silvia B M Barros a, Dinesh Barupal a, Laura E Beane Freeman a, Gloria M Calaf a, Joakim Dillner a, Karima El Rhazi a, Lin Fritschi a, Shoji Fukushima a, Lode Godderis a, Manolis Kogevinas a, Dirk W Lachenmeier a, Daniele Mandrioli a...Mary K Schubauer-Berigan a
- Cervical cancer screening using DNA methylation triage in a real-world population
Lena Schreiberhuber, James E. Barrett, Jiangrong Wang, Elisa Redl, Chiara Herzog, Charlotte D. Vavourakis, Karin Sundström, Joakim Dillner & Martin Widschwendter
- Concomitant human papillomavirus (HPV) vaccination and screening for elimination of HPV and cervical Cancer.
Laila Sara Arroyo Mühr, Andrea Gini, Emel Yilmaz, Sadaf S. Hassan, Camilla Lagheden, Emilie Hultin, Ainhoa Garcia Serrano, Agustin E. Ure, Helena Andersson, Roxana Merino, K. Miriam Elfström, Iacopo Baussano & Joakim Dillner
- Corrigendum to “First international proficiency study on human papillomavirus testing in cervical cancer screening”
Emel Yilmaz a, Carina Eklund b, Camilla Lagheden b, Karin Dahlin Robertsson c, Marina Lilja c, Miriam Elfström a, Laila Sara Arroyo Mühr b, Joakim Dillner
- Global burden and economic impact of vaccine-preventable cancer mortality. *Journal of Medical Economics* 27, 9–19,
Edward Oliver, Anne Meiwald, Robert Hughes, Edith Morais, Georgie Weston & Karin Sundström
- Human papillomavirus negative high grade cervical lesions and cancers: Suggested guidance for HPV testing quality assurance
Jean Luc Prétet a 1, Laila Sara Arroyo Mühr b 1, Kate Cuschieri c, María Dolores Fellner d, Rita Mariel Correa d, María Alejandra Picconi d, Suzanne M. Garland e f, Gerald L. Murray e f, Monica Molano e, Michael Peeters g, Steven Van Gucht g, Charlotte Lambrecht h, Davy Vanden Broeck h, Elizaveta Padalko i, Marc Arbyn j, Quentin Lepiller a, Alice Brunier a, Steffi Sillin g k, Kristiane Sjøreng l, Irene Kraus Christiansen l...Joakim Dillner
- Incidence of oncogenic HPV infection in women with and without mental illness: A population-based cohort study in Sweden

Eva Herweijer, Kejia Hu, Jiangrong Wang, Donghao Lu, Pär Sparén, Hans-Olov Adami, Unnur Valdimarsdóttir, Karin Sundström, Fang Fan

- Long-term follow-up of cervical cancer incidence after normal cytological findings
Jiangrong Wang, Henrik Edvardsson, Björn Strander, Bengt Andrae, Pär Sparén, Joakim Dillner
- Nobel calling Harald zur Hausen
Joakim Dillner
- Prevalence of high-risk HPV and cervical dysplasia in IUD users and controls: a cross sectional study
Lina Jans, Jan Brynhildsen, Evin Cherif, Linnea Tenerz & Lovisa Bergengren
- Risk factors for the increasing incidence of pregnancy-associated cancer in Sweden – a population-based study
Frida E. Lundberg, Hanne Stensheim, Gustav J. Ullenhag, Hanna Milerad Sahlgren, Kristina Lindemann, Irma Fredriksson, Anna L. V. Johansson
- Scientific approaches toward improving cervical cancer elimination strategies
Matti Lehtinen, Laia Bruni, Miriam Elfström, Penelope Gray, Margaret Logel, Filipe Colaço Mariz, Iacopo Baussano, Simopekka Vänskä, Eduardo L. Franco, Joakim Dillner

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- Accuracy of colposcopy in the Swedish screening program. Acta Obstetrica et Gynecologica Scandinavica n/a.
Alfonzo, E., Zhang, C., Daneshpaj, F., Strander, B., 2023.
- Assessment of Human Papillomavirus Non-16/18, Type-Specific Risk for Cervical Intraepithelial Neoplasia Grade 3 or Worse Among Women With Cervical Atypical Glandular Cells
Yilmaz, Emel MSc; Lagheden, Camilla BSc; Ghaderi, Mehran PhD; Wang, Jiangrong PhD; Dillner, Joakim PhD; Elfström, K. Miriam PhD
- Assessing the risk of cervical neoplasia in the post-HPV vaccination era. Int J Cancer 152, 1060–1068.
Hu, K., Lehtinen, M., Pimenoff, V.N., Nedjai, B., Louvanto, K., Verhoef, L., Heideman, D.A.M., El-Zein, M., Widschwendter, M., Dillner, J., 2023.
- A review of data systems for assessing the impact of HPV vaccination in selected high-income countries. Expert Rev Vaccines 22, 161–179.
Wang, W.V., Kothari, S., Khoury, H., Niccolai, L., Garland, S.M., Sundström, K., de Pouvourville, G., Bonanni, P., Chen, Y.-T., Franco, E.L., 2023.

- Biosimilar second-generation human papillomavirus vaccines
Laila Sara Arroyo Mühr a, Joakim Dillner a
- **CanScreen5, a global repository for breast, cervical and colorectal cancer screening programs**
Li Zhang, Isabel Mosquera, Eric Lucas, Mary Luz Rol, Andre L. Carvalho, Partha Basu & CanScreen5 collaborators
- Cervical cancer screening improvements with self-sampling during the COVID-19 pandemic
Miriam Elfström, Penelope Grace Gray, Joakim Dillner
- Cervical cancer in Region Skåne, Sweden 2017–2020 after the implementation of primary HPV screening: A quality assurance audit
Caroline Hellsten, Anna Holmberg, Jennica Astrom, Ola Forslund, Christer Borgfeldt
- Cervix cytology samples revealed increased methylation of the human markers FAM19A4/miR124-2 up to 8 years before adenocarcinoma
Ylva Lindroth, Louise Pedersen, Jacob Alssamaray, Tim Berglund, Avalon Sundqvist, Christer Borgfeldt, Ola Forslund
- Ecological diversity profiles of non-vaccine-targeted HPVs after gender-based community vaccination efforts
Ville, N Pimenoff, Penelope Gray 1, Karolina Louvanto 3 6, Tiina Eriksson 3, Camilla Lagheden 1, Anna Söderlund-Strand 4, Joakim Dillner 1, Matti Lehtinen
- Evaluation of co-testing with cytology and human papillomavirus testing in cervical screening. *Prev Med* 166, 107364.
Nordqvist Kleppe, S., Andersson, H., Elfström, K.M., Dillner, J., 2023.
- First international proficiency study on human papillomavirus testing in cervical cancer screening
Emel Yilmaz a b, Carina Eklund b, Camilla Lagheden b, Karin Dahlin Robertsson c, Marina Lilja c, Miriam Elfström a b, Laila Sara Arroyo Mühr b, Joakim Dillner a b
- High coverage and adherence to dose intervals of the national school-based HPV vaccination program in Sweden during 2012–2019
Jiangrong Wang, Eva Herweijer., Sara Nordqvist Kleppe., Susanne Hartwig, Christine Velicer, Carol Koro, Karin Sundström
- HPV-induced host epigenetic reprogramming is lost upon progression to high-grade cervical intraepithelial neoplasia. *International Journal of Cancer* 152, 2321–2330.
Herzog, C., Vavourakis, C.D., Barrett, J.E., Karbon, G., Villunger, A., Wang, J., Sundström, K., Dillner, J., Widschwendter, M., 2023a.
- HPV self-sampling versus healthcare provider collection on the effect of cervical cancer screening uptake and costs in LMIC: a systematic review and meta-analysis

Selamawit F. Mekuria, Sydney Timmermans, Christer Borgfeldt, Mats Jerkeman, Pia Johansson, Ditte Søndergaard Linde

- Impact of cervical screening by human papillomavirus genotype: Population-based estimations
Jiangrong Wang, K. Miriam Elfström, Camilla Lagheden, Carina Eklund, Karin Sundström, Pär Sparén, Joakim Dillner
- The International Human Papillomavirus Reference Center: Standardization, collaboration, and quality assurance in HPV research and diagnostics
Laila Sara Arroyo Mühr, Camilla Lagheden, Sadaf S. Hassan, Carina Eklund, Joakim Dillner
- Invasive cervical cancer, precancerous lesions, and cervical screening participation among women with mental illness in Sweden: a population-based observational study. *The Lancet Public Health* 8, e266–e275.
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- IPVS policy statement on HPV nucleic acid testing guidance for those utilising/considering HPV as primary precancer screening: Quality assurance and quality control issues. *Journal of Clinical Virology* 159, 105349.
Suzanne M. Garland a b c, Thomas Iftner d, Kate Cuschieri e f, Andreas M Kaufmann g, Marc Arbyn h, Silvia de Sanjose I, Mario Poljak j, Joakim Dillner k, Elizabeth R. Unger l on behalf of the IPVS Policy Committee.
- Overall and Cervical Cancer Survival in Patients With and Without Mental Disorders
Eva Herweijer, PhD1; Jiangrong Wang, PhD2; Kejia Hu, MD, PhD
- Post-conization surveillance in an organized cervical screening program with more than 23,000 years of follow-up
Avalon Sundqvist, Johanna Nicklasson, Pernilla Olausson & Christer Borgfeldt
- Quality assurance in human papillomavirus testing for primary cervical screening. *Int J Gynecol Cancer* ijgc–2022–004197.
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- Value of a catch-up HPV test in women aged 65 and above: A Danish population-based nonrandomized intervention study
Mette Tranberg, Lone Kjeld Petersen, Anne Hammer, Miriam Elfström, Jan Blaakær, Susanne Fogh Jørgensen, Mary Holten Bennetsen, Jørgen Skov Jensen, Berit Anders

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- Associations between cervical intraepithelial neoplasia during pregnancy, previous excisional treatment, cone-length and preterm delivery: a register-based study from western Sweden
Johanna Wiik, Cecilia Kärrberg, Staffan Nilsson, Björn Strander, Bo Jacobsson & Verena Sengpiel, BMC Medicine volume 20, Article number: 61 (2022)
- A Simple Cervicovaginal Epigenetic Test for Screening
Herzog, C., Marín, F., Jones, A., Evans, I., Reisel, D., Redl, E., Schreiberhuber, L., Paytubi, S., Pelegrina, B., Carmona, Á., Peremiquel-Trillas, P., Frias-Gomez, J., Pineda, M., Brunet, J., Ponce, J., Matias-Guiu, X., de Sanjosé, S., Alemany, L., Olaitan, A., Wong, M., Jurkovic, D., Crosbie, E.J., Rosenthal, A.N., Bjørge, L., Zikan, M., Dostalek, L., Cibula, D., Sundström, K., Dillner, J., Costas, L., Widschwendter, M., 2022a.
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- Co-testing in cervical screening among 40- to 42-year-old women is unreasonable
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- DNA methylation-based detection and prediction of cervical intraepithelial neoplasia grade 3 and invasive cervical cancer with the WID™-qCIN test. *Clin Epigenetics* 14, 150.
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- Effectiveness and costs of an implemented primary HPV cervical screening programme in Sweden – A population based cohort study
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- Immunogenicity and safety of one-dose human papillomavirus vaccine compared with two or three doses in Tanzanian girls (DoRIS): an open-label, randomised, non-inferiority trial. *Lancet Glob Health* 10, e1473–e1484. Watson-Jones, D., Changalucha, J., Whitworth, H., Pinto, L., Mutani, P., Indangasi, J., Kemp, T., Hashim, R., Kamala, B., Wiggins, R., Songoro, T., Connor, N., Mbwangi, G., Pavon, M.A., Lowe, B., Mmbando, D., Kapiga, S., Mayaud, P., de SanJosé, S., Dillner, J., Hayes, R.J., Lacey, C.J., Baisley, K., 2022.
- Improving human papillomavirus (HPV) testing in the cervical cancer elimination era: The 2021 HPV LabNet international proficiency study. *J Clin Virol* 154, 105237
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