

## Scientific publications based on Quality registry:

### Publications in year 2019:

- Abnormal cervical cytology is associated with preterm delivery: a population based study. Acta Obstet Gynecol Scand.  
*Jar-Allah, T., Kärrberg, C., Wiik, J., Sengpiel, V., Strander, B., Holmberg, E., Strandell, A., 2019*
- Age-specific HPV type distribution in high-grade cervical disease in screened and unvaccinated women. Gynecologic Oncology 154, 354–359.  
*Aro, K., Nieminen, P., Louvanto, K., Jakobsson, M., Virtanen, S., Lehtinen, M., Dillner, J., Kalliala, I., 2019.*
- Baseline findings and safety of infrequent vs. frequent screening of human papillomavirus vaccinated women  
*Louvanto, K., Eriksson, T., Gray, P., Apter, D., Baussano, I., Bly, A., Harjula, K., Heikkilä, K., Hokkanen, M., Huhtinen, L., Ikonen, M., Karttunen, H., Nummela, M., Söderlund-Strand, A., Veivo U., Dillner, J., Elfstöm, M., Nieminen, P., Lehtinen, M., First published: 20 November 2019*
- Cancer Prevention Europe. Mol Oncol.  
*Wild, C.P., Espina, C., Bauld, L., Bonanni, B., Brenner, H., Brown, K., Dillner, J., Forman, D., Kampman, E., Nilbert, M., Steindorf, K., Storm, H., Vineis, P., Baumann, M., Schüz, J., 2019.*
- Cervical screening and risk of adenosquamous and rare histological types of invasive cervical carcinoma: population based nested case-control study. BMJ 365, l1207.  
<https://doi.org/10.1136/bmj.l1207>  
*Lei, J., Andrae, B., Ploner, A., Lagheden, C., Eklund, C., Kleppe, S.N., Wang, J., Fang, F., Dillner, J., Elfström, K.M., Sparén, P., 2019.*
- Cervical cancer case-control audit: Results from routine evaluation of a nationwide cervical screening program. International Journal of Cancer 0.  
*Wang, J., Elfström, K.M., Andrae, B., Kleppe, S.N., Ploner, A., Lei, J., Dillner, J., Sundström, K., Sparén, P.*
- Colposcopic and histopathologic evaluation of women with HPV persistence exiting an organized screening program. American Journal of Obstetrics and Gynecology.  
*Sahlgren, H., Elfström, K.M., Lamin, H., Carlsten-Thor, A., Eklund, C., Dillner, J., Elfegren, K., 2019.*
- Contraceptive use at first intercourse is associated with subsequent sexual behaviors. Contraception.  
*Guleria, S., Thomsen, L.T., Munk, C., Nygård, M., Hansen, B.T., Elfström, K.M., Arnheim-Dahlström, L., Liaw, K.-L., Frederiksen, K., Kjær, S.K., 2019.*

- Durability of the neutralizing antibody response to vaccine and non-vaccine HPV types 7 years following immunization with either Cervarix® or Gardasil® vaccine. *Vaccine* 37, 2455–2462. Godi, A., Panwar, K., Haque, M., Cocuzza, C.E., Andrews, N., Southern, J., Turner, P., Miller, E., Beddows, S., 2019.
- Detection of HPV mRNA in Self-collected Vaginal Samples Among Women at 69-70 Years of Age. *Anticancer Res.* 39, 381–386. Ernstson, A., Asciutto, K.C., Sturesson, J., Norén, J., Forslund, O., Borgfeldt, C., 2019.
- Eradication of human papilloma virus and elimination of HPV-related diseases - scientific basis for global public health policies. *Expert Rev Vaccines* 18, 153–160. Lehtinen, M., Baussano, I., Paavonen, J., Vänskä, S., Dillner, J., 2019.
- Early detection and prevention. *Mol Oncol* 13, 591–598. Dillner, J., 2019a.
- HPV-mRNA and HPV-DNA detection in samples taken up to seven years before severe dysplasia of cervix uteri. *Int. J. Cancer* 144, 1073–1081. Forslund, O., Miriam Elfström, K., Lamin, H., Dillner, J., 2019.
- Human papillomavirus genotype distribution and socio-behavioural characteristics in women with cervical pre-cancer and cancer at the start of a human papillomavirus vaccination programme: the CIN3+ plus study. *BMC Cancer* 19, 111 (2019). Egli-Gany, D., Spaar Zographos, A., Diebold, J., Masserey Spicher, V., Frey Tirri, B., Heusser, R., Dillner, J., Petignat, P., Sahli, R., Low, N., CIN3+plus study group, 2019.
- Human papillomavirus types in cervical high-grade lesions or cancer among Nordic women- Potential for prevention. *Cancer Med*, First published: 11 January 2019 Cecilie Dovey de la Cour, Sonia Guleria , Mari Nygård , Laufey Trygvadóttir, Kristjan Sigurdsson, Kai-Li Liaw, Maria Hortlund, Camilla Lagheden, Bo T. Hansen , Christian Munk, Joakim Dillner , Susanne K. Kjaer
- Impact of the human papillomavirus status on the development of high-grade cervical intraepithelial neoplasia in women negative for intraepithelial lesions or malignancy at the baseline: A 9-year Swedish nested case-control follow-up study. *Cancer* 125, 239–248. Fröberg, M., Östensson, E., Belkić, K., Oštrbenk, A., Poljak, M., Mints, M., Arbyn, M., Andersson, S., 2019.
- Increased HPV detection by the use of a pre-heating step on vaginal self samples analysed by Aptima HPV assay. *J. Virol. Methods* 270, 18–20. Borgfeldt, C., Forslund, O., 2019.
- Increasing participation in cervical screening by targeting long-term non-attenders: Randomized health services study. *Int. J. Cancer*.

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*Artemchuk, H., Eriksson, T., Poljak, M., Surcel, H.-M., Dillner, J., Lehtinen, M., Faust, H., 2019.*
- Participation in a Swedish cervical cancer screening program among women with psychiatric diagnoses: a population-based cohort study. *BMC Public Health* 19, 313.  
*Eriksson, E.M., Lau, M., Jönsson, C., Zhang, C., Risö Bergerlind, L.-L., Jonasson, J.M., Strander, B., 2019.*
- Occurrence of human papillomavirus (HPV) type replacement by sexual risk-taking behaviour group: Post-hoc analysis of a community randomized clinical trial up to nine years after vaccination (IV). *Int. J. Cancer.*  
*Gray, P., Luostarinen, T., Vänskä, S., Eriksson, T., Lagheden, C., Man, I., Palmroth, J., Pimenoff, V.N., Söderlund-Strand, A., Dillner, J., Lehtinen, M., 2019.*
- Population-based primary HPV mRNA cervical screening compared with cytology screening. *Preventive Medicine* 124, 61–66  
*Lindroth, Y., Borgfeldt, C., Thorn, G., Bodelsson, G., Forslund, O., 2019.*
- Methylation in predicting progression of untreated high-grade cervical intraepithelial neoplasia. *Clin. Infect. Dis.*  
*Louvanto, K., Aro, K., Nedjai, B., Bützow, R., Jakobsson, M., Kalliala, I., Dillner, J., Nieminen, P., Lorincz, A., 2019.*
- Mode of HPV vaccination delivery and equity in vaccine uptake: A nationwide cohort study. *Prev Med* 120, 26– 33.  
*Wang, J., Ploner, A., Sparén, P., Lepp, T., Roth, A., Arnheim-Dahlström, L., Sundström, K., 2019.*
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*Partanen, V.-M., Anttila, A., Heinävaara, S., Pankakoski, M., Sarkeala, T., Bzhalava, Z., Elfström, K.M., Tropé, A., Skare, G.B., Thorsteinsdóttir, S., Ágústsson, Á.I., Veerus, P., Koreinik, L., Dillner, J., Lönnberg, S., 2019.*
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*Lu, D., Andrae, B., Valdimarsdóttir, U., Sundström, K., Fall, K., Sparén, P., Fang, F., 2019.*
- Response to the author: invitation to cancer screening: putting the car before the horse? *Eur. J. Cancer Prev.* 28, 458–459.

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- Roadmap for a precision-medicine initiative in the Nordic region. *Nat Genet* 51, 924–930.  
*Njølstad, P.R., Andreassen, O.A., Brunak, S., Børglum, A.D., Dillner, J., Esko, T., Franks, P.W., Freimer, N., Groop, L., Heimer, H., Hougaard, D.M., Hovig, E., Hveem, K., Jalanko, A., Kaprio, J., Knudsen, G.P., Melbye, M., Metspalu, A., Mortensen, P.B., Palmgren, J., Palotie, A., Reed, W., Stefánsson, H., Stitzel, N.O., Sullivan, P.F., Thorsteinsdóttir, U., Vaudel, M., Vuorio, E., Werge, T., Stoltenberg, C., Stefánsson, K., 2019.*
- Sequencing detects human papillomavirus in some apparently HPV-negative invasive cervical cancers. *J. Gen. Virol.*  
*Arroyo Mühr, L.S., Lagheden, C., Eklund, C., Lei, J., Nordqvist-Kleppe, S., Sparén, P., Sundström, K., Dillner, J., 2019.*
- Seropositivity to Multiple Anogenital Human Papillomavirus (HPV) Types Is Associated With Current Anogenital HPV Infection, Abnormal Cytology, and Seropositivity for Nongenital HPVs. *J. Infect. Dis.* 219, 489–496.  
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*Dillner, J., 2019b.*
- The Age-Specific Cervical Cancer Incidence Differs Between Human Papillomavirus Types: Implications for Predicting the Impact of Elimination Programs. *Am J Epidemiol.*  
*Vänskä, S., Luostarinen, T., Lagheden, C., Eklund, C., Kleppe, S.N., Andrae, B., Sparén, P., Sundström, K., Lehtinen, M., Dillner, J., n.d.*
- The essential role of prevention in reducing the cancer burden in Europe: a commentary from Cancer Prevention Europe. *Tumori Journal* 030089161985186.  
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- The HPV16 genome is stable in women who progress to in situ or invasive cervical cancer: a prospective population-based study. *Cancer Res.*  
*Arroyo-Mühr, L.-S., Lagheden, C., Hultin, E., Eklund, C., Adami, H.-O., Dillner, J., Sundström, K., 2019.*