

POSTERS

P 01 HPV disease and COVID-19

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| P 01-1 | <ul style="list-style-type: none"> • New concepts of cervical screening and follow-up during the COVID-19 pandemic in China | H. Y. Chuang
(China) |
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P 02 Viral and molecular biology

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| P 02-1 | <ul style="list-style-type: none"> • Cartilage-hair hypoplasia (CHH) and risk for HPV related lesions | R. Ellonen
(Finland) |
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| P 02-3 | <ul style="list-style-type: none"> • Viral whole-genome sequencing reveals high variations in APOBEC3-editing between HPV risk categories | V. M. Ferré
(France) |
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P 03 Epidemiology and natural history

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| P 03-1 | <ul style="list-style-type: none"> • Prevalence of HPV-16 variants in the anogenital region of men: the HIM study | L. Sichero
(Brazil) |
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| P 03-3 | <ul style="list-style-type: none"> • Duration of an oral HPV infection in men from the U.S. and Latin America | B. Dickey
(USA) |
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| P 03-4 | <ul style="list-style-type: none"> • Prevalence of human papillomavirus (HPV)-associated head and neck cancer by geography: a systematic literature review | A. Donohue
(USA) |
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| P 03-5 | <ul style="list-style-type: none"> • Targeted Literature Review: risks of HPV infection and diseases in individuals with autoimmune diseases | M. Labib
(France) |
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| P 03-6 | <ul style="list-style-type: none"> • Geotropism and oncogenic potential of HPV infections in cohort study populations in Vojvodina, north region of Serbia | A. Mandic
(Serbia) |
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P 04 Pathogenesis

- P 04-1 • Oncogenic interactions between HPV E6 and Aurora B: a novel therapeutic target? **P. Chan** (China)

P 06 HPV prophylactic vaccines

- P 06-1 • Role of human papillomavirus (HPV) vaccination on HPV infection and recurrence of HPV related disease after local surgical treatment: systematic review and meta-analysis **M. Kyrgiou** (UK)

- P 06-2 • Impact of catch-up HPV vaccination **M. Carlier** (France)

P 07 HPV therapeutic vaccines

- P 07-1 • The effectiveness of the combined treatment of potassium-titanyl phosphorous (KTP) laser resection and adjuvant human papillomavirus (HPV) vaccination for laryngeal papillomatosis: a preliminary study **J-H. Cho** (South Korea)

- P 07-2 • Suppression of inhibitory receptors of CD8 T cell and expression of chemokine receptor eradicated effectively cervical cancer in mouse **S-J. Lee** (South Korea)

- P 07-3 • Prevention of HPV reinfection with HPV vaccination after laser vaporisation and conization in reproductive age patients with HSIL **S. Khundadze** (Georgia)

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P 08 Immunotherapy - Immuno-oncology - New treatments

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| P 08-1 | <ul style="list-style-type: none"> The impact of PIK3CA mutations on HPVE7 expression, PD-L1 (CD274) expression in HPV16 cervical SCC | H. Lou
(USA) |
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P 09 Epidemiology and natural history

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| P 09-1 | <ul style="list-style-type: none"> HPV- negative premalignant and malignant changes in the cervix: myth or reality | R. Zivadinovic
(Serbia) |
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| P 09-2 | <ul style="list-style-type: none"> Association between common vaginal and HPV infections and results of cytology test in the Macedonian women | I. Aleksioska Papestiev
(North Macedonia) |
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| P 09-3 | <ul style="list-style-type: none"> Evaluation of the HPV Selyf Extended assay for HPV genotyping of anal cytological specimens | M. G. Dona
(Italy) |
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| P 09-4 | <ul style="list-style-type: none"> Impact of cut off values for Onclarity™ HPV assay in clinical testing | A. V. R. Norén
(Norway) |
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| P 09-5 | <ul style="list-style-type: none"> Pre-vaccination prevalence of high-risk human papillomaviruses (hrHPV) in the Montenegro prior to national HPV immunisation programme: baseline for monitoring the effects of immunisation | M. Govedarica
(Montenegro) |
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| P 09-6 | <ul style="list-style-type: none"> High-grade cervical lesions at start of screening age in Danish women HPV-vaccinated as girls | M. Hartmann Nonboe
(Denmark) |
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| P 09-7 | <ul style="list-style-type: none"> Comparison of Allplex HPV detection using cervical specimens, the fast and comprehensive assays suitable for HPV screening and genotyping | S. W. A. An
(South Korea) |
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| P 09-8 | <ul style="list-style-type: none"> HPV genotyping using Allplex™ hrHPV detection in paired physician- (Rhinprep® liquid-based cytology) and self-collected (evalyn brush) vagino-cervical specimens | V. López-Codony
(Spain) |
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P 10 HPV screening

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| P 10-1 | <ul style="list-style-type: none"> • 14 hrHPV detection: the Lazio experience in the national HPV-based cervical cancer screening in Italy | M. Cenci
(Italy) |
| P 10-2 | <ul style="list-style-type: none"> • Cervical intraepithelial neoplasia in non-16/18 high-risk HPV positive/cytology negative women: an alternative approach in poor resource areas | F. Yarandi
(Iran) |
| P 10-3 | <ul style="list-style-type: none"> • Performance evaluation of the COBAS® 5800 system and comparison to the COBAS® 6800/8800 systems for clinical validation of COBAS® HPV | C. Kay
(USA) |
| P 10-4 | <ul style="list-style-type: none"> • Increase of cervical cancer prevention in the Czech Republic using self-sampling | K. Vladimira
(Czech Republic) |
| P 10-5 | <ul style="list-style-type: none"> • Distribution of self-sampling device among Czech women targeted by the cervical cancer screening program | H. Jaworek
(Czech Republic) |
| P 10-6 | <ul style="list-style-type: none"> • High-risk HPV infection in Albanian women and some factors associated with it | M. Mino Rista
(Albania) |

P 11 Screening for women difficult to reach

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| P 11-1 | <ul style="list-style-type: none"> • Cervical human papillomavirus infection among vulnerable women in Rome, Italy: the Dorothy project | E. Giuliani
(Italy) |
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P 12 Screening for women difficult to reach

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| P 12-1 | <ul style="list-style-type: none"> • Full genotyping and FAM19A4/miR124-2 methylation analysis in high-risk human papillomavirus-positive samples from women over 30 years participating in cervical cancer screening in Örebro, Sweden | L. Bergengren
(Sweden) |
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P 13 Self-sampling

P 13-1	<ul style="list-style-type: none"> • HPV testing on self-collected vaginal and urine samples using Papilloplex® hrHPV DNA assay 	C. Cuschieri (UK)
P 13-2	<ul style="list-style-type: none"> • Copan universe permits automated preparation of vaginal self-collected swabs for HPV molecular testing 	A. Giambra (Italy)
P 13-3	<ul style="list-style-type: none"> • Pilot study: involvement of long-term non-attending population of Czech women in cervical screening program 	O. Bouska (Czech Republic)
P 13-4	<ul style="list-style-type: none"> • High acceptability and accuracy of self-collection by veil collector device for high risk-HPV screening by multiplex real-time PCR among adult women and men who have sex with men (MSM) living in Central Africa 	L. Belec (France)
P 13-5	<ul style="list-style-type: none"> • Validation of Colli-pee UCM FV-5004: a user-friendly device for volumetric first-void urine collection and HPV DNA preservation compatible with high-throughput instruments 	N. Meers (Belgium)

P 14 Genotyping

P 14-1	<ul style="list-style-type: none"> • Performance of high risk HPV single analyte and multiplex panel external quality controls for verification of extended genotyping on the Onclarity™ HPV Assay 	M. Luscher (Canada)
P 14-3	<ul style="list-style-type: none"> • HPV genotype in metastatic HPV induced penile squamous cell carcinoma 	L. Dorofte (Sweden)

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P 15 Molecular markers

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| P 15-1 | <ul style="list-style-type: none"> • CD39 and PD-1 expression on peripheral CD4+ lymphocytes is associated with anal pre-cancer among men with HIV | S. Sudenga
(USA) |
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| P 15-2 | <ul style="list-style-type: none"> • Comparison of various prognostic markers and hrHPV expression in endocervical adenocarcinoma | X. Li
(China) |
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| P 15-3 | <ul style="list-style-type: none"> • The immunohistochemical characteristics of cervical glandular intraepithelial neoplasias | B. Jugeli
(Georgia) |
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| P 15-4 | <ul style="list-style-type: none"> • Epistasis between GSTM1, NOS3 and MTHFR genes in cervical carcinoma or precursor lesions | M. C. Bicho
(Portugal) |

P 16 Screening methods

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| P 16-1 | <ul style="list-style-type: none"> • Evaluation of the clinical detection of the human papillomavirus using two validated platforms: second interlaboratory study in Argentina | E. A. Zubillaga
(Argentina) |
| <hr style="border-top: 1px dotted #000;"/> | | |
| P 13-2 | <ul style="list-style-type: none"> • Glandular and metaplastic transformation zone cells in cervical cytology decline with age | A. B. Campaner
(Brazil) |

P 18 Methylation

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| P 18-1 | <ul style="list-style-type: none"> • HPV genotyping and methylation test in the liquid-based cytology of rare genital and anal lesions | J. Nemcova
(Czech Republic) |
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P 20		Serology
P 20-1	<ul style="list-style-type: none"> Establishment of a high-throughput liquid handling platform for the detection of high-risk oropharyngeal cancer serum antibody profiles 	L. Kröller (Germany)
P 22		Artificial intelligence
P 22-1	<ul style="list-style-type: none"> Can AI-based colposcopy replace conventional screening tests for cervical intraepithelial neoplasia? 	A. Cho (South Korea)
P 23		Diagnostic procedures / management
P 23-1	<ul style="list-style-type: none"> A combination of epigallocatechin gallate, folic acid, hyaluronic acid and vitamin B12 reverses condyloma growth and improves cervical lesion in a young caucasian woman 	E. Lepore (Italy)
P 23-2	<ul style="list-style-type: none"> Effect of a coriolus versicolor-based vaginal gel for high-risk HPV clearance and cyto-normalization in a 44-year-old patient with hrHPV persistence of more than 10 years 	B. López-Cavanillas (Spain)
P 23-3	<ul style="list-style-type: none"> Correlation between colposcopic patterns and histological grade of vaginal intraepithelial neoplasia (vain): a retrospective cohort study 	C. M. M. Matozzo (Italy)
P 23-4	<ul style="list-style-type: none"> Clinical significance of cytological findings of atypical glandular cells: 10 years experience of a colposcopic referral centre 	E. Di Loreto (Italy)

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P 25		Colposcopy
P 25-1	• Colposcopy in women aged 65 years and older with normal cytology and persisting HPV infection	E. Künkel (Germany)
P 25-2	• Overtreatment rate after immediate local excision of suspected cervical intraepithelial neoplasia: a prospective cohort study	M. Kiviharju (Finland)
P 25-3	• On-line certification platform for colposcopists engaged in cervical cancer screening programme in Poland	A. Szczesna (Poland)
P 25-4	• Different approach to colposcopic findings in pregnancy	M. Perisic Mitrovic (Serbia)
P 26		Cervical neoplasia
P 26-1	• Predictors of treatment failure for adenocarcinoma in situ of the uterine cervix: up to 14 years of recorded follow-up	D. Megyessi (Sweden)
P 26-2	• Distribution of NK cells in microenvironment during the progression of cervical intraepithelial neoplasia	K. Manjgaladze (Georgia)
P 26-3	• The role of HPV type in patients with early stage cervical cancer who undergoing fertility-sparing laparoscopic radical trachelectomy	J.-Y. Park (South Korea)
P 27		Vulvar and vaginal diseases and neoplasia
P 27-1	• Sequencing of HPV-positive and negative vulvar carcinomas using the oncomine comprehensive assay	G. Lillsunde Larsson (Sweden)
P 27-2	• High-grade vaginal intraepithelial neoplasia and recurrence risk: analysis of an Italian regional referral center series	E. Monti (Italy)
P 27-3	• Central sensitization in vulvodynia and endometriosis: what have we been overlooking so far?	G. E. Cetera (Italy)

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P 28 Anal neoplasia

P 28-1 • Anal high-grade intraepithelial neoplasia in women with cervical high-grade intraepithelial neoplasia **A. Viscardi** (Italy)

P 28-2 • Anal precancer detection by high-resolution microendoscopy by combined with HPV testing **M. Gaisa** (USA)

P 30 HPV and oropharynx / Head and neck cancer

P 30-1 • Circulating tumour HPV16 DNA at the commencement and completion of the radiotherapy in patients with p16 positive oropharyngeal cancer included in the ARTSCAN III study **J. Sjövall** (Sweden)

P 30-2 • High risk HPV in HIV-infected women - a case report **A. Pacheco** (Portugal)

P 30-3 • Initial findings: a comprehensive meta analysis of the sociodemographic factors associated with head and neck cancer by HPV status **S. Sutton** (USA)

P 30-4 • Argentine consortium for the study of HPV in head and neck cancers: HPV genotyping and p16 INK4a staining **M. Correa** (Argentina)

P 30-5 • The lack of standardized outcomes for surgical salvage of human papillomavirus (HPV) positive recurrent oropharyngeal squamous cell carcinoma: a systematic scoping review **A. N. Taniguchi** (USA)

P 30-6 • HOPE5 study: exploring new prognostic biomarkers for HPV-associated oropharyngeal cancer **F. Rollo** (Italy)

P 30-7 • Artificial intelligence for image-based HPV status prediction in head and neck cancer: a systematic review and meta-analysis **Y-F. Li** (China)

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P 32 Genital warts

P 32-1 • Colposcopic Magnified Scanning Laser Vaporization (CMSLV) for genital warts during pregnancy: a prospective descriptive evaluation of safety and reliability in a maternal care hospital **R. Venzi** (Italy)

P 32-2 • Economic burden of genital warts in Finland in 2018 **A. Gylling** (Finland)

P 34 Sexually transmitted diseases and HIV infection

P 34-1 • Relation of HPV-related biomarkers expression and cervicovaginal infections in women of reproductive age harbouring cervical dysplasias in a colposcopic population **G. Valasoulis** (Greece)

P 35 Conventional therapies

P 35-1 • Persistence and recurrence of CIN after LLETZ, with surgical pathological anatomy containing compromised margins, in a Brazilian university hospital service **N. Speck** (Brazil)

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P 37 Advocacy, acceptability and psychology

- P 37-1 • Home-based self-sampling of first-void urine for hrHPV testing in the casus study: attitudes and preferences from a Belgian colposcopy referral population

J. Hendrickx
(Belgium)

P 38 Health education

- P 38-1 • The Cellular and Molecular Cytopathology Training School (CMCTS) at Coombe Women's Hospital, Dublin

H. Keegan
(Ireland)

P 39 Low resource settings

- P 38-1 • Visual inspection using naked eye and colposcopy as predictor of high-grade lesions on final histology in HIV-positive and negative South African women

R. A. Adams
(South Africa)

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P 40 Epidemiology and natural history

P 40-1	<ul style="list-style-type: none"> Reducing provider perceived barriers to HPV vaccination through a practice facilitation intervention 	J. Canedo (USA)
P 40-2	<ul style="list-style-type: none"> Cervical cancer risk factors and symptoms awareness in hard-to-reach populations in Bangladesh, India, Slovakia and Uganda 	M. Sultanov (Netherlands)
P 40-3	<ul style="list-style-type: none"> Declines in vaccine-type human papillomavirus prevalence in US females across racial/ethnic groups: national health and nutrition examination survey 	R. Stefanos (USA)
P 40-4	<ul style="list-style-type: none"> Accuracy of self-reported human papillomavirus vaccine using computer-assisted self-interview in young men who have sex with men 	E. Chow (Australia)
P 40-5	<ul style="list-style-type: none"> Evaluation of the impact of the new school-entry policy on HPV vaccination in PR 	V. Colon-Lopez (Puerto Rico)
P 40-7	<ul style="list-style-type: none"> Sexually transmitted infections and HPV molecular profile. A study of 336 women 	A. Daponte (Greece)