## **EUROGIN 2013**

# HPV at a crossroads: 30 years of research and practice

Florence, Italy Nov. 3-6, 2013

Advanced program (updated Sept 12, 2013, subject to change)

# Sunday, November 3

### **Main Training Course (MTC)**

The main training course is designed to provide summaries of the most relevant knowledge on HPV infection and associated diseases with the aim of assisting physicians and educators. The topics covered range from the basic science fundamentals to emerging issues and the clinical uses of screening technologies, prophylactic HPV vaccines and extending to HPV-related diseases in external genitalia and head & neck.

Speakers will present only accepted evidence-based scientific information that has been published in the peer-reviewed medical literature.

8:30- 10:00	MTC 1 – HPV infection and diseases: the global view Chair: S. Franceschi			Auditorium
	The burden of HPV-associated diseases	S.	Franceschi	France
	• Epidemiology of HPV infection and related cancers – cervix vs. head & neck	L.	Alemany	Spain
	Natural history: current knowledge and perspectives	N.	Wentzensen	USA
	HPV life cycle – an overview	J.	Doorbar	UK
	• Discussion			

#### 10:00 - 10:30 Coffee break

10:30- 12:15	MTC 2 – Current standards for cervical cancer control - screening and vaccination, practices and challenges Chair: X. Bosch			Auditorium
	• HPV screening strategies: new evidence	J	Cuzick	UK
	• HPV screening: current and future perspectives	P.	Snijders	The Netherlands
	• HPV vaccines: update on efficacy, impact and safety profile	S.	Garland	Australia
	<ul> <li>HPV vaccines: implementation and experiences, strengths and weaknesses</li> </ul>	PL.	Lopalco	Sweden
	WHO HPV vaccines recommendations	S.	Wang	Switzerland
	• Discussion			

### **Oral Communications (OC)**

Oral communications sessions are structured according to topics. Their program includes selected, original papers presented as short oral presentations.

8:30- 10:00	OC 1 – Molecular markers Chair: P. Snijders	Sala Verde
10:30 - 12:15	OC 2 – Epidemiology 1 and pathogenesis of cervical and vulvar cancer Chair: A. Antilla	Sala Verde
8:30- 10:00	OC 3 – Colposcopy Chair: J-C Boulanger – A. Perino	Limonaia
10:30 - 12:00	OC 4 – The clinical value of HPV testing in the management of cervical diseases Chair: P. Cristoforoni, A. Kaufmann	Limonaia

### **Practical Workshops (PWS)**

The workshops are designed to meet leaders involved in cervical cancer prevention. These sessions enable the participants to share their experience with the experts and to better understand the missions, activities, experiences and perspectives of your organization program.

14:00- 14:50	PWS 1 – HPV testing for decision-making in screening and management Chair: M. Arbyn			Auditorium
	Age-specific screening strategies by settings and vaccination status	X.	Bosch	Spain
	Management of HPV+ / cyto-negative women	C.	Meijer	The Netherlands
	Management of ASCUS and LSIL women	M.	Einstein	USA
	<ul> <li>Evidence for clinical applications of HR HPV testing</li> </ul>	M.	Arbyn	Belgium
	Discussion			

14:50- 15:35	PWS 2 – HPV vaccination: the critical issues and new developments Chair: A. Kreimer			Auditorium
	Introduction	A.	Kreimer	USA
	<ul> <li>New issues and indications: their implications for optimal vaccine strategies</li> </ul>	M.	Jit	UK
	Cross-protection and alternating doses schedules	M.	Brisson	Canada
	HPV infection in vaccinated young women	N.	Schlecht	USA
	Discussion			

#### 15:30 - 16:00 Coffee break

16:00-	PWS 3 – Management of cervical diseases:			Auditorium
16:45	translating research into practice			
	Chair: T. Wright			
	How to optimize the risk management concept	T.	Wright	USA
	<ul> <li>Ablation vs. excision: how to make the right decision</li> </ul>	M.	Sideri	Italy
	New strategies for post-treatment surveillance	M.	Cruickshank	UK
	<ul> <li>Discussion</li> </ul>			

16:45- 17:30	de	WS 4 – Announcing HPV infection: how to eal with the patient hair: AB. Moscicki			Auditorium
	•	Transmission: genital vs. oral – practical issues	M.	Goodman	USA
	•	The risk of cervical cancer: what the patient should know	D.	Harper	USA
	•	Announcing HPV+ results: the right messages and false ideas	АВ.	Moscicki	USA
	•	Discussion			

14:00 - 15:35	OC 5 – HPV Screening 1 Chair: D. Heideman,	Sala Verde
16:00- 17:30	OC 6 – Vaccines 1 Chair: B. Romanowski – M. Safaeian	Sala Verde

### WACC Forum & health education Benefits and limitations of increasingly informed patients

Sharing knowledge and education for cervical cancer prevention

In parallel to EUROGIN 2013, the WACC Forum (November 3) is organized by the Women Against Cervical Cancer (WACC) Network which represents more than 50 associations from many different countries working for the benefit of womens' health and involved in cervical cancer prevention. This conference gathers players in the public health education sector from a number of countries, to share experiences on effective communication and learning tools aimed to increase HPV disease awareness and patient education towards active prevention.

12:15-	WACC Forum			Limonaia
13:30	Chairs: J. Smith, M. Steben			
	• <b>Lecture</b> : results of a worldwide E-learning program on cervical cancer prevention	X.	Bosch	Spain
	Educating women for HPV screening	D.	Harper	USA
	• Making clinical sense of the fauna of increasingly informed patients	M.	Steben	Canada
	Advocacy, acceptability	F.	Martinon- Torres	Spain
	Barriers to prevention	D.	Salisbury	UK
	Cervical Cancer-Free Coalition: moving from evidence to action	J.	Smith	USA
13:30 - 15:45	OC 7 - WACC Forum Chairs: F. Martinon-Torres			Limonaia

### **WACC** in Japan

# (Jointly organized by PCAF (People's Campaign Against Female cancer) and the Japanese Expert Board for the Eradication of Cervical Cancer)

#### Aim:

To report and evaluate activities for Women Against Cervical Cancer in Japan in order to share experiences globally

16:00- 17:30	WACC in Japan Chairs: N. Sakuragi, R. Konno, S. Garland			Limonaia
	Recent trends in cervical cancer incidence and mortality in Japan	S.	Hanley	Japan
	Women Against Cervical Cancer in Hokkaido: primary prevention			
	<ul> <li>Surveys of attitudes towards HPV vaccination and importance of cancer education in schools</li> </ul>	S.	Hanley	Japan
	<ul> <li>PCAF's Shine campaign for publicizing current knowledge about cervical cancer</li> </ul>	K.	Sakuragi	Japan
	Women Against Cervical Cancer in Hokkaido: secondary and tertiary prevention			
	<ul> <li>HPV testing in cervical cancer screening and function-preserving surgery in cervical cancer treatment</li> </ul>	N.	Sakuragi	Japan
	<ul> <li>Asparadise - patient support group for gynecologic cancer survivors</li> </ul>	S.	Oshima	Japan
	Activity of Japanese Expert Board for Eradication of Cervical Cancer for National immunization program and HPV screening	R.	Konno	Japan
	Activity of Japan Cancer Society	H.	Konishi	Japan
	Surveys of attitude for cervical cancer screening	M.	Ito	Japan
	Local activities in Yokohama city	E.	Miyagi	Japan
	Peer education for university students by Ribbon movement	A.	Namai	Japan
	• Discussion: Challenges in today and near future (All participants)			

# Sunday, November 3 (cont'd)

19:00 - 20:30	O	pening Ceremony			Auditorium
	W	elcome messages			
	•	Messages from the Presidents	G. M.	Ronco Roy	Italy Canada
	•	EUROGIN's contribution and proposals for the fight against HPV-associated diseases	J.	Monsonego	France
	•	The worldwide expertise: the EUROGIN Roadmap contribution	S.	Franceschi	France
	•	The women's commitment: the WACC Foundation's efforts	A. J.	Singer Smith	UK USA
	•	Educational perspectives and translating research: the CME initiative	J.	Cortes	Spain
	•	The Italian experience	F.	Carozzi	Italy
	•	To the memory of Anne Szarewski	J.	Cuzick	UK
	Oı	pening Guest Lecture			
	•	The squamocolumnar junction and cervical cancer prevention	C.	Crum	USA

# Monday, November 4

### **Main Scientific Sessions (MSS)**

Main Scientific Sessions include keynote lectures providing a broad overview of the essential issues on cervical cancer prevention by the most prominent experts in their respective field.

8:00- 9:30		SS 1 – HPV Screening 1 revisited hair: T. Cox - X. Bosch			Auditorium
	•	Triage of women with negative cytology and positive high-risk HPV: an analysis of data from the SHENCCAST* II/III studies	S.	Goodrich	USA
	•	Cross-sectional and longitudinal data on the comparison of APTIMA and HC2 HPV assays in routine screening in Germany	T.	Iftner	Germany
	•	A prospective study of genotyping for the management of HPV-positive, Pap-negative results	M.	Schiffman*	USA
	•	Self-sample HPV-tests – effects in cervical cancer screening attendance in Finland	A.	Virtanen	Finland
	•	Implementing cervical cancer screening with HPV testing followed by Pap triage in routine practice: the Montreal VASCAR project	K.	Louvanto	Canada
	•	Risk of >CIN3 after 3 years of follow-up in the ATHENA Trial	Т	Wright	USA

9:30-	MSS 2– Vaccines 1			Auditorium
11:00	Vaccination programs: lessons learned			
	Chairs: PL. Lopalco, D. Salisbury			
	<ul> <li>Decision-making process in introduction of HPV vaccination</li> </ul>	PL.	Lopalco	Sweden
	<ul> <li>Success stories in implementing HPV vaccination: the health economy issues</li> </ul>	D.	Salisbury	UK
	• Implementation of HPV vaccination for males: Australia's experience so far	J.	Brotherton	Australia
	<ul> <li>Regulatory aspects on HPV vaccine safety</li> </ul>	P.	Neels	Belgium
	<ul> <li>Lessons learned to date from HPV vaccination programs in developing countries</li> </ul>	S.	Wang	Switzerland
	<ul> <li>Discussion</li> </ul>			

#### 11:00 – 11:30 Coffee break

8:00-	OC 8 – Recent advances on anal HPV-related	Sala Verde
9:30	diseases	
	Chair: L. Siproudhis – P. Mullerat	

### **Scientific Session (SS)**

The concurrent scientific sessions feature presentations of selected abstracts on new findings covering a broad range of topics related to genital cancer prevention and management of patients with HPV-associated diseases.

9:30- 11:00	Di (P	S 1 – PREvention strategies for HPV-related iseases In European CounTries (REHDICT) hairs: J. Dillner, C. Meijer			Sala Verde
	•	Quality assurance for cervical cancer screening in Europe	M.	Elfström	Sweden
	•	Modeling the effect of vaccination on HPV infection prevention			
	•	Modeling data about the effect of vaccination and screening on cancer prevention	J.	Berkhof	The Netherlands
	•	New biomarkers in HPV screening	P.	Snijders	The Netherlands
	•	Effect HPV screening on prevention of invasive cancer	G.	Ronco	Italy
	•	Implementation policies and priority setting for the next years in EC countries: the CoheaHr project	C.	Meijer	The Netherlands

8:30- 11:00	SS 2 – Gynecologic Oncology: what is new in the treatment of cervix cancer? Chairs: C. Haie-Meder, S. Dexeus, T. Maggino			Limonaia
	<ul> <li>Introduction</li> </ul>	C.	Haie-Meder	France
	What's new with positron emission tomography in cervical cancer	G.	Bonardel	France
	• Simple hysterectomy and sentinel node excision in cervical cancer	M.	Roy	Canada
	New challenges in surgery of cervical cancers	T.	Maggino	Italy
	• Treatment of stages 1a and 2b of cervical cancers	J.	Cortes	Spain
	Image-guided brachytherapy in cervical cancer	R.	Pötter	Austria
	Radiotherapy and anti-HPV treatment	E.	Deutsch	France
	Discussion	M.	Roy	Canada
		T.	Maggino	Italy
		S.	Dexeus	Spain

8:00- 11:00		Palazzo degli Affari (Gr. floor)
----------------	--	--

### **Clinical Sessions (CS)**

The clinical sessions are designed to provide educational strategies and skill-building learning experiences and update of expertise for participants. The clinical sessions should enable participants to integrate in their everyday practice the basic and advanced principles of colposcopy as well as diagnosis and management of cervico-vaginal and vulvar diseases.

14:15- 15:45	CS 1 – Screening 2 Molecular-based strategies for primary screening of cervical cancer Chairs: J. Dillner, AB. Moscicki			Auditorium
	• Gain in protection of cervical cancer with HPV screening: new evidences	G.	Ronco	Italy
	Risk-based screening strategies	C.	Meijer	The Netherlands
	<ul> <li>Benefits and harm of HPV-based screening</li> </ul>	A.	Antilla	Finland
	• Existing strategies and innovative intervention: HPV alone vs. co-testing	J.	Cuzick	UK
	• Which test for which screening?			
	- Pooled HPV DNA assays	J.	Dillner	Sweden
	- HPV genotyping assays	T.	Cox	USA
	- HPV mRNA assays	M.	Arbyn	Belgium
	- careHPV	A.	Longatto Filho	Brazil
	- p16	F.	Carozzi	Italy
	- CINtec PLUS VUSA Screen	C.	Meijer	The Netherlands
	<ul> <li>Discussion</li> </ul>			

15:45- 17:00	H	S 2 – Vaccines 2 PV vaccination: what's new? nairs: J. Paavonen, M. Stanley			Auditorium
	•	Introduction: Current knowledge and the future	M.	Stanley	UK
	•	Long-term registry-based follow-up	J.	Dillner	Sweden
	•	HPV vaccination and gender equity: direct and indirect benefits of vaccination of males	J.	Paavonen	Finland
	•	A community randomized phase IV vaccination trial on vaccination strategies: overview of deliverables			
	•	Cost-benefits of HPV vaccination: new evidence	N.	Van de Velde	Canada
	•	Discussion			

14:15- 16:00	cli sq	RAINING SESSION (H&N) – HPV and the inic: state of the art in HPV head & neck uamous cell cancer (HNSCC) hairs: H. Mehanna, JL. Lefebvre			Sala Verde
	•	Trends in the epidemiology and global burden of HPV+ and HPV- oropharyngeal cancer	Н.	Mehanna	UK
	•	Use of cell-based models to investigate the role of HPV infection in oropharyngeal carcinogenesis	S.	Roberts	UK
	•	The combination of HPV and other biomarkers for prediction of clinical outcomes	T.	Dalianis	Sweden
	•	Testing for HPV oropharyngeal cancer – pearls,	P.	Snijders	The

	pitfalls and progress			Netherlands
	Clinical trials of treatment de-intensification in	B.	Burtness	USA
	favorable risk HPV-associated head & neck cancer			
	HPV associated oropharyngeal cancer – defining	D.	Rischin	Australia
	better treatment strategies			
	<ul> <li>Prognostic effect and risk factors of HPV</li> </ul>	JL.	Lefebvre	France
	positivity in head & neck cancer			
	<ul> <li>Critical issues in selection of patients with</li> </ul>	R.	Brakenhoff	The
	oropharyngeal squamous cell carcinomas for			Netherlands
	treatment de-escalation trials	_		
	Discussion panel	J.	Lacau Saint	France
	- At which conditions will it be possible to		Guily	
	modify the treatments?			
	<ul> <li>Designs to suggest for treatment trials of HNSCC according to HPV status</li> </ul>			
	HINSCC according to HF V status			
16:00-	SS 3 - (H&N) – Scientific panel discussion:			Sala Verde
17:00	HPV and tobacco interactions – how do we sort			Suiu verue
	it out?			
	Chairs: A. Chaturvedi, X. Castellsagué			
	Epidemiologic associations of smoking, HPV	S.	Franceschi	France
	infection and related cancer	Б.	Tancesem	Tunce
	Clinical aspects of HPV disease and smoking	M.	Gillison	USA
	Molecular aspects of HPV and smoking in the	R.	Brakenhoff	The
	carcinogenesis of head & neck cancers			Netherlands
	Panel discussion on reasons for inconsistent			
	associations in the literature and study			
	designs/strategies for addressing the question			
14:15- 16:00	OC 10 – Screening and prevention, new			Limonaia
10.00	developments			
	Chair: M. Elfström – JJ. Baldauf			
16:00-	OC 11 – HPV in men, emerging issues			Limonaia
17:30	Chair: C. Pierce Campbell, C. Lacey			Limonaia
	Chair. C. Fierce Campben, C. Lacey			
14:15- 15:00	SS 4 – Quality assurance programs of HPV			Palazzo degli
15:00	testing			Affari (Gr. floor)
	Chair: K. Cuschieri, E. Unger			
	Disagreement between HPV assays in primary	J	Bonde	Denmark
	screening			
	The evolving requirements for validation and QA of  INDIA.	K.	Cuschieri	UK
	HPV tests for service	т	D - 1	D
	API -Assay Performance Indicators; assessment and     approximant of malegular HPV assay performance.	J.	Bonde	Denmark
	<ul> <li>comparison of molecular HPV assay performance</li> <li>WHO HPV LabNet: Shared International</li> </ul>	Б	I In con	TICA
	WHO HPV LabNet: Shared International	E.	Unger	USA
	Experience for Improved HDV Testing			
	Experience for Improved HPV Testing  • Discussion			

15:00-	OC 12 – HPV testing – methods & value	Palazzo
17:00	Chair: H. Cubie - JP. Bogers	degli Affari (Gr. floor)

### 17:00 – 17:30 Coffee break

14:00 - 15:30	IW 1 - La comunicazione nell'era HPV Chairs: G. Amunni (ONS, ISPO, ITT), P. Bonanni (SITI) - Sessione in Italiano -			Palazzo degli Affari (1 <sup>st</sup> floor)
	Lettura magistrale	P.	Cristoforoni	Italy
	La comunicazione nella campagne vaccinali	M.	Conversano	Italy
	La comunicazione nello screening	C.	Cogo	Italy
	La comunicazione con la popolazione	N.	Orthmann	Italy
	Oral Communications (+3 submitted abstracts)			
	Discussione plenaria			

15:30- 17:00	IW 2 - Malattie HPV correlate extra-cervicali Chairs: M. Barbero (SICPCV), P. Scirpa (SICPCV)			Palazzo degli Affari (1 <sup>st</sup> floor)
	<ul><li>Sessione in Italiano -</li><li>Lettura magistrale</li></ul>	M.	Tommasino	Italy
	La vaccinazione nelle patologie extra-cervicali	P.	Castiglia	Italy
	La malattia vulvare	C.	Carriero	Italy
	La vaccinazione nel maschio	L.	Mariani	Italy
	HPV e dermatologia	A.	Zuccati	Italy
	Oral Communications (+ 3 submitted abstracts)			
	Discussione plenaria			

# Tuesday, November 5

8:00- 9:30	MSS 3 – HPV Screening 2 New evidence-based guidelines Chairs: E. Franco, T. Wright			Auditorium
	Bias and pitfalls in cancer screening	E.	Franco	Canada
	HPV-based screening guidelines in Europe	A.	Antilla	Finland
	The US Preventive Services Task Force recommendations in cervical cancer screening	W.	Huh	USA
	The ACS/ASCCP/ASCP guidelines in cervical cancer screening	T.	Wright	USA
	The Canadian Task Force recommendations in cervical cancer screening	V.	Mai	Canada
	Issues related to low resource settings			
	Discussion			

9:30- 11:00	MSS 4 – Cervical cancer control in Italy: screening and vaccination Chairs: F. Carozzi, A. Frega			Auditorium
	Best practices in Italy to get a good vaccine coverage Discussant:	P. PL.	Bonanni Lopalco	Italy Sweden
	HPV as primary screening: from research to practice Discussant:	M. J.	Zappa Cuzick	Italy UK

The clinician : towards the change in prevention	A.	Perino	Italy
Discussant:	S.	Dexeus	Spain
<ul> <li>Discussion</li> </ul>			

8:00- 9:30	MSS 5 - (H&N) – HPV and non-oropharyngeal cancers of the head & neck Chairs: M. Gillison			Sala Verde
	Introduction	M.	Gillison	USA
	CDC data presentation	M.	Goodman	USA
	IOC data presentation	X.	Castellsagué	Spain
	Serology associations data	M.	Pawlita	Germany
	Transcriptionally active HPV and the Barrett's metaplasia-dysplasia-adenocarcinoma sequence	S.	Rajendra	Australia
	Discussion			

9:30- 11:00	SS 5 - (H&N) – HPV infection in the oral cavity: new insights Chairs: S. Syrjänen, T. Dalianis			Sala Verde
	<ul> <li>Oral HPV infection: epidemiology, transmission and risk factors</li> </ul>	A.	Chaturvedi	USA
	<ul> <li>Oral HPV: mechanisms of infection, persistance and natural history</li> </ul>	M.	Gillison	USA
	<ul> <li>Genotype-specific incidence and clearance of human papillomavirus in oral mucosa of women: a six-year follow-up study</li> </ul>	S.	Syrjänen	Finland
	<ul> <li>Oral HPV prevalence in youth in Sweden with and without voluntary vaccination</li> </ul>	T.	Dalianis	Sweden
	• Why the tonsils are susceptible to HPV infection	S.	Pai	USA
	• Immune infiltration and hypoxia in oral-pharyngeal squamous carcinoma	K.	Oguejiofor	USA
	<ul> <li>Discussion</li> </ul>			

8:00- 9:30	SS 6 – Vaccines 3 Recent advances on prophylactic HPV vaccination Chairs: S. Garland			Limonaia
	<ul> <li>Overviews of HPV vaccination trials</li> </ul>			
	- FUTURE trial	S.	Garland	Australia
	- PATRICIA trial	J.	Paavonen	Finland
	- Costa Rica trial	A.	Kreimer	USA
	• Immunogenicity and efficacy of HPV vaccines based on fewer doses and administration	M.	Safaeian	USA
	• Do we need a new HPV vaccine? What the economic model can tell us	M.	Jit	UK
	• Discussion			

9:30- 11:00	SS 7 – New trends on vaginal self-sampling Chairs: A. Lorincz, J. Belinson			Limonaia
	• Overview	A.	Lorincz	UK
	Meta-analysis of the accuracy of HPV DNA testing using self-collected versus clinician-based sampling of cellular material to detect HG CIN	M.	Arbyn	Belgium

•	Self-sampling versus clinician sampling for use with the careHPV test	A.	Lorincz	UK
•	Self-sampling for non-attendees of screening in The Netherlands	D.	Heideman	The Netherlands
•	Mailed self-sampling intervention project among under-screened women in the United States	A.	Des Marais	USA
•	Projected cost-effectiveness of repeat high-risk human papillomavirus testing using self-collected vaginal samples in the Swedish cervical cancer screening program	E.	Östensson	Sweden
•	Triage strategies for women who test HPV positive on self-sampled material: post-hoc analysis of the PROHTECT-3A study	V.	Verhoef	The Netherlands
•	HPV infection and cervical lesions over 18 months in physician- and self-collected specimens in female sex workers, Kenya	J.	Ting	USA
•	Discussion			

8:00 - 9:30	SS 8 – Late breakers Chair: S. Franceschi			Palazzo degli Affari (Gr. floor)
	• Long-term immunogenicity and safety of the HPV-16/18 AS04-adjuvanted vaccine in adolescent girls aged 10–14 years: 7-year follow-up.	T.	Schwarz	Germany
	Comparison of long-term immunogenicity of two prophylactic human papillomavirus (HPV) vaccines: final analysis of a Phase III trial	M.	Einstein	USA
	HPV Oncotect: a multi-study analysis	P.	Karakitsos	USA
	• An overview of the 9-valent HPV L1 virus-like particle vaccine clinical development program	A.	Luxembourg	USA
	Efficacy and immunogenicity of a novel 9-valent HPV L1 virus-like particle vaccine in 16- to 26- year-old women	E.	Joura	Austria
	Immunogenicity and safety of a novel 9-valent HPV L1 virus-like particle vaccine in boys and girls 9-15 years old; comparison to women 16-26 years old	P.	Van Damme	Belgium
	• Immunogenicity and safety of a novel 9-valent HPV vaccine in girls 9-15 years of age compared to the quadrivalent vaccine	P.	Van Damme	Belgium
	• Safety and tolerability of a novel 9-valent HPV L1 virus-like particle vaccine in boys/girls age 9-15 and women age 16-26	A.	Giuliano	USA

9:30 – 11:00	SS 9 – Therapeutic vaccines against HPV 16/18 infection – new developments Chair: D. Harper			Palazzo degli Affari (Gr. floor)
	• Introduction: Prevention and treatment of human papillomavirus 16/18 related cervical diseases	D.	Harper	USA
	<ul> <li>Role of HPV screening and management of the HPV16/18-infected women</li> </ul>	X.	Bosch	Spain
	Biology of HPV infection and rationale	M.	Stanley	

for treatment prior occurence of cervical lesions		
<ul> <li>Phase I trial results with ProCervix vaccine in HPV 16 / 18 infected women with normal cytology</li> </ul>	P.	Van Damme
<ul> <li>Evolution of HPV testing in the wake of new therapeutic vaccines</li> </ul>	T.	Iftner
Closing Remarks	D.	Harper

8:00-	OC 13 – Biology - Immunology	Palazzo degli
9:30	Chair: M. Tommasino	Affari

9:30- 11:00	SS 10 – Modeling Key issues in the field of HPV: how can models help our understanding? Chairs: M. Brisson, H. Berkhof			Palazzo degli Affari Adua 1
	<ul> <li>Background</li> </ul>	M.	Brisson	Canada
	• The interaction between HIV and HPV infections: how relevant is it for public health?	MC.	Boily	UK
	Model validity and credible projections: an insight from PreHdict study	I.	Baussano	France
	• Serotype replacement: second-guessing the clustering of HPV types	J.	Bogaards	The Netherlands
	HPV infections: herd effects following vaccination	S.	Vänskä	Finland
	Inequalities in cervical cancer: role of vaccine herd immunity in protecting women with low screening participation	T.	Malagon	Canada
	HPV vaccination in developing countries:     assessing the value of vaccines across the world	M.	Jit	UK
	Discussion			

8:00- 9:30	IW 3 - Vaccinazione e screening Chairs: E. Paci (ONS), S. Guaschino (SIMaST) - Sessione in Italiano -			Palazzo degli Affari (1 <sup>st</sup> floor)
	Lettura magistrale	S.	Franceschi	Italy
	Il punto di vista della sanità pubblica	R.	Gasparini	Italy
	Il punto di vista dei programmi di screening	P.	Giorgi-Rossi	Italy
	Il punto di vista del ginecologo	A.	Ciavattini	Italy
	Oral Communications (+ 3 submitted abstracts)			
	Discussione plenaria			

9:30- 11:00	SS 11 – HPV genotyping, recent advances Chairs: S. De Sanjosé, J. Smith			Palazzo degli Affari (1st floor)
	• Genotype distribution in penile and vulvar cancers within ICO studies	L.	Alemany	Spain
	• The value of HPV genotyping in self-samples of screening non-attendees	P.	Snijders	The Netherlands
	Differences in carcinogenicity of high-risk HPV types: inferences from cross-sectional meta-analyses	G.	Clifford	France
	The distribution of 12 high-risk HPV types detected in high-grade CIN, VIN and VaIN lesions	E.	Joura	Austria

	from women 16-45 years of age			
•	HPV type distribution and age-specific incidence of external genital lesions in the HIM study	D.	Ingles	USA
•	Development and validation of a new HPV genotyping assay based on next generation sequencing	J.	Belinson	USA
•	Discussion			

### 11:00 – 11:30 Coffee break

13:00- 15:00	CS 3 – Performance of cervical colposcopy: a debate Chairs: J. Monsonego, A. Singer			Auditorium
	• Applying the concept of equal risk=equal management to cervical colposcopy and biopsy?	N.	Wentzensen	USA
	<ul> <li>Accuracy of colposcopy         <ul> <li>data from the FUTURE trial</li> </ul> </li> <li>Discussant:</li> </ul>	M. S.	Stoler Dexeus	USA Spain
	CIN2: reality or myth?  Discussant:	A B. M.	Moscicki Sideri	USA Italy
	The value of random biopsies Discussant:	R. J.	Pretorius Bornstein	USA Israel
	New nomenclature by IFCPC Discussant:	J. A.	Bornstein Perino	Israel Italy
	<ul> <li>Non-ablative treatment of CIN/VIN Discussant:</li> </ul>	M. M.	Einstein Cruickshank	USA UK
	New methods of teaching colposcopy in the electronic age	A.	Singer	UK Spain
	Discussant:	J.	Cortes	
	• Quality control in colposcopy Discussant:	M. A.	Roy Singer	Canada UK

17:00 - 18:00		S 4 – Clinical value of HPV testing hairs: J. Cuzick, P. Snijders			Auditorium
	•	Effects of persistence and HPV type on the long-term risk of CIN3+ following HPV infection: 10 year follow-up of women in the artistic trial	J.	Peto	UK
	•	Role of mRNA testing in triage of women with minor cytological abnormalities	F.	Verdoodt	Belgium
	•	2012 consensus guidelines for the management of women with abnormal screening tests and CIN & AIS: a risk-based approach	W.	Huh	USA
	•	Earlier detection of high-grade CIN and overdiagnosis with HPV vs. cytology	G.	Ronco	Italy
	•	Discussion			

18:00- 19:15	SS 12– Update on HPV testing methods Chairs: T. Iftner, C. Clavel			Auditorium
	<ul> <li>The Scottish Test of Cure Study (STOCS-H) – A multi-platform comparison of HPV tests in a post- treatment context</li> </ul>	Н	Cubie	UK
	Comparison of HPV testing methods	T.	Iftner	Germany

•	HPV testing in self-sampling	A.	Kaufmann	Germany
•	Novel HPV testing methods	M.	Poljak	Slovenia
•	Meta-Analyses on comparison of HPV tests for LSIL and ASCUS triage	M.	Arbyn	Canada
•	Discussion			

12:45 - 14:00	SS 13 - (H&N) – HPV and head & neck cancers: the key questions Chairs: J. Lacau Saint Guily, G. D'Souza			Sala Verde
	HPV detection methods in head & neck cancers	N.	Schlecht	USA
	HPV in head & neck cancers epidemiology and impact on survival	G.	D'Souza	UK
	HPV effect on survival and treatment in head & neck cancers	L.	Licitra	Italy
	• Why have HPV-positive OPC a more favorable prognosis?	R.	Brakenhoff	The Netherlands
	The case for vaccination of boys for oral HPV	S.	Pai	USA
	• Tumor microenvironnement in HPV+ squamous cell carcinoma of the head and neck	C.	Badoual	France
	Therapeutic vaccination for HPV OSCC	S.	van der Burg	The Netherlands
	• Discussion			

14:00- 15:00	ca	EMINAR (H&N) – HPV infection and associated neers: prevention and counseling hairs: C. Fakhry, L. Licitra			Sala Verde
	•	Considerations for prevention of HPV-driven HNC: HPV-related vaccination and promising biomarkers	A.	Kreimer	USA
	•	Considerations for potential methods of secondary prevention	C.	Fakhry	USA
	•	Common behavioral questions about oral HPV acquisition and transmission	G.	D'Souza	UK
	•	Key messages for media on HPV-related head & neck tumors	L.	Licitra	Italy
	•	Discussion			

17:00-	OC 14- HPV and head & neck cancers from	Sala Verde
18:15	research to practice 1	
	Chair: R. Brakenhoff	

18:15-	OC 15 – HPV and head & neck cancers from	Sala Verde
19:30	research to practice 2	
	Chair: L. Licitra	

13:00- 15:00	SS 14 – Low risk HPV infection and related diseases: the global picture Chairs: M. Steben, C. Lacey			Limonaia
	• LR vs. HR HPV infection – epidemiology – transmission	A.	Giuliano	USA
	Molecular biology	J.	Doorbar	UK
	Disease burden	M.	Steben	Canada

The clinical picture	C.	Lacey	UK
<ul> <li>Recurrent respiratory papillomatosis surveillance in Australia</li> </ul>	J.	Brotherton	Australia
<ul> <li>Management of LR HPV-associated diseases</li> </ul>	P.	Mullerat	UK
Treatment of anal condyloma and recurrence	S.	Goldstone	USA
<ul> <li>Discussion</li> </ul>			

17:00- 18:00	future	Therapeutic vaccines: looking into the M. Einstein, P. Stern			Limonaia
		une responses from therapeutic vaccines for	S.	van der	The
	HPV	-associated cancers		Burg	Netherlands
	• Then	rapeutic effect of the prophylactic HPV vaccines	A.	Kaufmann	Germany
	• Inno	vations in therapeutic vaccine development	M.	Safaeian	USA
	imm	al results of Vicoryx a phase I/IIa study of unization with a p16INK4a derived peptide in ents with advanced HPV-associated cancers	M.	von Knebel Doeberitz	Germany
	• Disc	ussion			

18:00- 19:15	SS 16 – Anal HPV-associated diseases – the women's perspective Chairs: J. Palefsky, S. Goldstone			Limonaia
	• Anal HPV infection and anal neoplasia in HIV+ and HIV- women	J.	Palefsky	USA
	Screening approaches for anal squamous intraepithelial lesions in women	P.	Mullerat	UK
	• Anal squamous intraepithelial lesions in HIV+ and HIV- women	A.	Grulich	Australia
	Trends in anal cancer incidence in women and men	G.	Clifford	France
	• Current approaches to treatment of anal squamous intraepithelial lesions: a 13 years experience	S.	Goldstone	USA
	• Evolution of anal dysplasia lesions within human immunodeficiency virus positive patients screening.	L.	Siproudhis	France
	Discussion			

13:00- 15:00	SS 17 – Screening 3 Controversies in cervical cancer screening and prevention. Priority setting for cervical cancer control: developed vs. developing countries Chairs: N. Schlecht, M. Jit			Palazzo degli Affari (Gr. floor)
	Introduction: how to integrate screening and vaccination	X.	Bosch	Spain
	<ul> <li>Cytology vs. HPV testing</li> <li>High income countries (HIC)</li> <li>Low and middle income countries (LMIC)</li> </ul>	C. J.	Meijer Smith	The Netherlands USA
	<ul> <li>Cervical HPV screening: self-testing vs. medical professional testing</li> <li>High income countries (HIC)</li> <li>Low income countries (LIC)</li> </ul>	D. J.	Heideman Belinson	The Netherlands USA
	<ul> <li>2 vs. 3 doses schedule</li> <li>High income countries (HIC)</li> <li>Low and middle income countries (LMIC)</li> </ul>	M. R.	Brisson Sankarana	Canada France

		-rayanan	
<ul> <li>School vs. health center based delivery</li> <li>High income countries (HIC)</li> </ul>	F.	Martinon- Torres	Spain
- Low and middle income countries (LMIC)	S.	Wang	Switzerland
• Improved screening vs. introduction of vaccination or both?	H.	Berkhof	The Netherlands
<ul> <li>Discussion</li> </ul>			

17:00 - 19:15	SS 18 – Clinical value of p16 Chairs: M. von Knebel Doeberitz, C. Bergeron			Palazzo degli Affari (Gr. floor)
	<ul> <li>Update on the pathogenesis of HPV-induced cervical lesions</li> </ul>	M.	von Knebel Doeberitz	Germany
	• p16INK4a as novel diagnotic stratificator to define low and high grade lesions (the US perspective)	M.	Stoler	USA
	• Current evidence for using p16INK4a in histology and cytology: a systematic meta-analysis of published reports	M. M.	Reuschenbach Arbyn	Germany Belgium
	• Combined use of p16INK4aand Ki67 as biomarkers in primary cervical screening	C.	Bergeron	France
	• Combined use of p16INK4aand Ki67 as biomarkers in cytology: The US perspective	N.	Wentzensen	USA
	• The use of p16INK4a as triage tool for HPV-positive women	G.	Ronco	Italy
	Discussion			

13:00- 15:00	SS 19 – HPV and other cancers, new insights Chairs: K. Syrjänen, M. Poljak			Palazzo degli Affari Adua 1
	HPV in head & neck cancer – epidemiology and impact on survival	J L.	Lefebvre	France
	Lung cancer	K.	Syrjänen	Finland
	• Esophageal cancer: any role of HPV?	M.	Poljak	Slovenia
	Breast cancer	K.	Syrjänen	Finland
	Prostate cancer	R.	Tachezy	Czech Rep.
	HPV and colorectal cancer: translating the molecular basis of the viral associated carcinogenesis in colorectal cancerous tissues	L.	Lorenzon	Italy
	Penile cancer	G.	Gross	Germany
	Discussion			

17:00- 18:00	SS 20 – Epigenetics of cervical carcinogenesis Chairs: C. Meijer, N. Wentzensen			Palazzo degli Affari Adua 1
	• Methylation of the HPV genome, differences between HPV types	N.	Wentzensen	USA
	Methylation analysis to improve cervical cancer screening	В.	Wisman	The Netherlands
	• Use of DNA methylation for screening of cervical and vaginal self-collected specimens	R.	Steenbergen	The Netherlands
	• Diagnostic classifiers based on HPV and human gene methylation	A.	Lorincz	UK
	A DNA methylation signature that allows the triage of high-risk human papillomavirus DNA-positive	M.	Schmitz	Germany

	women		
•	Discussion		

18:00- 19:15	SS 21 – HPV infection: from molecular biology to diseases Chairs: J. Doorbar, K. Shroyer  • Molecular basis of HPV persistency			Palazzo degli Affari Adua 1
	HPV latency at the cervix and other anatomic sites	A.B.	Moscicki	USA
	<ul><li>Latency molecular explanations and HPV expression</li><li>Origins of cervical disease and biomarker selection</li></ul>	J.	Doorbar Herfs	UK USA
	Keratin 17 expression in cervical glandular and squamous neoplasia	K.	Shroyer	USA
	Secondary alterations required for progression of early transformed lesion	M.	von Knebel Doeberitz	Germany
	Discussion			

13:00- 15:00	IW 4 - La prospettiva del laboratorio tra screening e vaccinazione Chairs: D. French (Gisci), G. Mojana (SICPCV) - Sessione in Italiano -			Palazzo degli Affari (1 <sup>st</sup> floor)
	Lezione magistrale	F.	Carozzi	Italy
	La citologia di triage	M.	Confortini	Italy
	Organizzazione di un laboratorio HPV di grandi dimensioni	M. T.	Sandri	Italy
	Il type replacement : il ruolo del laboratorio	E.	Burroni	Italy
	Oral Communications (+6 submitted abstracts)			
	Plenary discussion			

17:00 - 19:15	IW 5 - Protocollo di gestione nel follow-up post-trattamento e post colposcopia negativa Chairs: G. Amunni (ONS, ISPO, ITT), P. Giorgi- Rossi (Gisci) - Sessione in Italiano -			Palazzo degli Affari (1 <sup>st</sup> floor)
	Lezione magistrale	F.	Boselli	Italy
	Il protocollo Gisci	T.	Maggino	Italy
	• Follow up con HPV test+ e Pap-	F.	Sopracordevole	Italy
	Il punto di vista del ginecologo	C.	Penna	Italy
	Presentazione di alcuni casi clinici	S.	Costa	Italy
	Quale test HPV nel follow-up	A.	Del Mistro	Italy
	Follow up del CIN I non trattato	C.A.	Liverani	Italy
	Follow up dell'AIS trattato	P.	Cattani	Italy
	Plenary discussion			
	Oral Communications (+ 3 submitted abstracts)			

# Wednesday, November 6

8:00- 9:30	CS 5 – Vaccines 4 HPV vaccination of patients with diseases Chair: E. Joura			Palazzo degli Affari (Gr. floor)
	<ul> <li>Effects of quadrivalent vaccine immunization in individual RRP patients</li> </ul>	T.	Fromm	Germany
	<ul> <li>Potential mechanisms of post-exposure prophylaxis by HPV vaccines</li> </ul>	A.	Kaufmann	Germany
	Genital warts in males	S.	Goldstone	USA
	• Reduction of recurrent diseases after conization	E.	Joura	Austria
	HPV types in recurrent diseases	O.E.	Iversen	Norway
	<ul> <li>Discussion</li> </ul>			

9:30- 11:00	MSS 6 – Epidemiology of HPV infection Chairs: M. Goodman, G. Clifford			Palazzo degli Affari (Gr. floor)
	Sources of anogenital and oral HPV infection	M.	Goodman	USA
	Heterosexual transmission: results from a short term observational study	A B.	Moscicki	USA
	• Worldwide variations in age-specific HPV prevalence curves: the driving role of sexual mixing	I.	Baussano	France
	• Estimation of human papillomavirus (HPV) transmissibility: insights from mathematical modeling	M.	Brisson	Canada
	Lack of concordance between oral and cervical HPV infection among adult women in the USA: cross-sectional analysis of NHANES 2009-2010	E.	Velasco	USA
	Genital and reproductive health factors and HPV infection risk	E.	Shaw	Canada
	The impact of the 1965-1975 sexual revolution on female genital tract high-risk human papillomavirus prevalence in the United States	A.	Rositch	USA
	<ul> <li>Discussion</li> </ul>			

11:00- 12:30	MSS 7 - (H&N) – EUROGIN 2014 ROADMAP HPV infection in men, genito-anal vs. oral, convergences and divergences Chair: A. Giuliano			Palazzo degli Affari (Gr. floor)
	<ul> <li>Introduction: overview of HPV infection in men across anatomic sites and genital HPV natural history</li> </ul>	A.	Giuliano	USA
	• Anal HPV – men vs. women	A.	Nyitray	USA
	Oral HPV - men vs. women	A.	Kreimer	USA
	• Compare transmission from male to female vs. female to male	M.	Goodman	USA
	• HPV capsid antibody response – men vs. women	B.	Lu	USA
	Comparison of HPV-related disease in men and women	S.	Franceschi	France
	• Discussion			

12:30	OC 16 – HPV testing methods 2			Palazzo
- 14:00	Chair: A. Hesselink – H. Ikenberg			degli Affar (Gr. floor)
8:00- 9:45	SS 22 – Vaccines 5			Sala Verde
,,,,	The post-vaccination era			
	Chairs: J. Brotherton, P. Bonanni			
10'	Human papillomavirus prevalence following a national	S.	Tabrizi	Australia
10'	vaccination program			
10'	<ul><li>Type replacement</li><li>Reduction of cytologic atypia and cervical procedures</li></ul>	J.	Paavonen	Finland
10'	Reduction of cytologic atypia and cervical procedures     Impact on screening participation	J.	Brotherton	Australia
10'	Decline in CIN in Australia due to vaccination: results	D.	Gertig	Australia
10	of a data linkage study	D.	Gerug	Australia
10'	Evaluation of vaccine program effectiveness: a Nordic	J.	Dillner	Sweden
	perspective			
10'	<ul> <li>Measures of vaccine effectiveness</li> </ul>	S.	Garland	Australia
10'	<ul> <li>Comparison of Canadian and American systems in prevention</li> </ul>	M.	Steben	Sweden
15'	Discussion			
9:45- 11:15	SS 23 – Vaccines 6			Sala Verde
11:15	Other potential indications and other targets for			
	HPV vaccination			
	Chairs: A. Grulich, X. Castellsagué			
	• Rationale to vaccinate males:			
	- Genital	A.	Giuliano	USA
	- Anal	S.	Goldstone	USA
	<ul> <li>Populations at risk of HPV diseases</li> </ul>	J.	Palefsky	USA
	Young adult women	X.	Castellsagué	Spain
	Immunosuppressed patients	A.	Grulich	Australia
	Vulnerable populations	S.	Garland	Australia
	• Discussion			
11:15-	OC 17 – Vaccines 2 –prophylactic and			Sala Verde
13:00	therapeutic vaccines			
	Chair: P. Sparen – C. Sauvageau			
	Chair 11 Sparen Ct Sau ageau			
8:00-	CS 6 – Screening 4			Limonaia
9:30	Screening in various situations - are best practices			
	linked to robust outcome data?			
	Chairs: D. Harper, G. Ronco			
	Screening for special populations	T.	Wright	USA
	(I.S. – DES – History of CIN)			
	Screening of older women	D.	Harper	USA
	Screening of vaccinated women	X.	Bosch	Spain
	• Screening following hysterectomy: is it relevant?	M.	Cruickshank	ÚK
	Directions for research	E.	Franco	Canada
	• Discussion			
0.20	0.010			-
9:30- 11:15	OC 18 – Cyto-histology			Limonaia
	Chair: K. Syrjänen			

11:15- 12:45	M po	S 7 - Management anagement options for women with HPV sitive screening results nairs: M. Stoler, W. Huh			Limonaia
	•	Biomarkers for triage of HPV+ women	N.	Wentzensen	USA
	•	Cytology	C.	Meijer	The Netherlands
	•	Genotyping	M.	Stoler	USA
	•	p16	C.	Bergeron	France
	•	Reduction of colposcopy referrals through the use of screening tests and vaccination status	H.	Berkhof	The Netherlands
	•	Discussion			

12:45- 14:30	CS 8 – Advanced topics on colposcopy and treatment Chairs: J. Cortes, M. Roy			Limonaia
	• Risk of premature delivery after treatment of CIN: due to treatment or due to CIN?	M.	Cruickshank	UK
	Adenocarcinoma in situ: diagnosis, treatment and follow-up	M.	Roy	Canada
	HPV genotype mapping of high-grade CINs in three morphological zones of cone specimens	K.	Nielsen	Denmark
	Colposcopic evaluation of HSIL cytology with negative hr-HPV tests rarely diagnoses endometrial cancer	R.	Pretorius	USA
	• SEMM device for treatment of high-grade intraepithelial lesions of the uterine cervix: Experience in a Brazilian university hospital	P.	Naud	Brazil
	• Evaluation of the clinical performance of the COBAS® 4800 HPV test in a colposcopy referred population	C.	White	Ireland
	• Surface distribution frequency and severity of cervical intraepithelial neoplasia in Chinese women	I.	Chang	USA
	<ul> <li>Proportion of excision and pregnancy outcomes after LLETZ for CIN</li> </ul>	Е	Paraskevaidis	Greece
	• Outcomes of women with untreated CIN2 lesions: is there a role for HPV-related biomarkers?	M.	Kyrgiou	UK
	<ul> <li>A placebo-controlled phase 2B study of hexaminolevulinate photodynamic therapy in patients with CIN1 and CIN2</li> </ul>	P.	Hillemanns	Germany
	A Randomised Trial of Topical Treatment for Vulval Intraepithelial Neoplasia – Preliminary Clinical Results	A.	Tristram	UK

8:00- 9:30	settin	l – Cervical cancer control in low resource legs r: R. Sankaranarayanan			Onice
		ew WHO recommendations and guidelines to rengthen cervical cancer prevention and control			
	na	ecent experiences on HPV vaccination in ational immunization programs and scaling-up of ervical screening in developing countries	R.	Sankarana- rayanan	France

•	GAVI HPV vaccine programme	T.	Cernuschi*	Switzerland
•	Management options for screen positive patients in developing countries	J.	Belinson	USA
•	HPV in HIV-high incidence areas	M.	Hutchko	
•	Different oncogenic HPV types in HIV positive than negative South African women with cervical cancer	M.C.	Van Aardt	South Africa
•	HPV Vaccination and cervical screening in Bhutan	U.	Tshomo	Bhutan
•	Discussion			

9:30-	Advanced colposcopy course	Onice
14:00	(Separate registration required – 100 €)	
	Chair: A. Singer, N. Pisal	

This is a 6 hour intensive course conducted by 2 highly experienced colposcopists/oncologists. They will present the most up-to-date knowledge relating to colposcopy practice as well as of the management of the cervix and lower genital tract precancer. There will be lectures as well as a very informal interactive tutorial which will be clinically oriented. Topics will range from the basic (i.e. normal cervix) to advanced (i.e. micro-invasion and glandular disease). A CD (PDF format) of all PowerPoint lectures will be given out.

	oint lectures will be given out.			
9:30	<ul> <li>Registration</li> </ul>			
10:00	• The normal Cervix: a prerequisite to understanding the abnormal cervix	A.	Singer	UK
10:25	<ul> <li>How do we diagnose cervical precancer: pathology, HPV and biomarkers</li> </ul>	A.	Singer	UK
11:00	<ul> <li>Questions and discussion</li> </ul>			
11:10	• Coffee			
11:20	<ul> <li>The abnormal cervix: colposcopy and methods of examination and video case presentations</li> </ul>	A. N.	Singer Pisal	UK UK
12:30	<ul> <li>Micro-invasive cancer and glandular disease: management</li> </ul>	N.	Pisal	UK
12:55	• Treatment of cervical precancer: who, why and how	N.	Pisal	UK
13:35	Coffee and cake			
13:45	<ul> <li>Interactive case presentations: cytology, colposcopy, pathology and treatment</li> </ul>	A. N.	Singer Pisal	UK UK
15:00	Summary and Close			