



## Emerging Oncogenic Viruses Programme

**Wednesday 2 June 2010**

Arrival of participants  
 Accommodation at the Hotel dei Bizantini  
 19:00-20:00 Registration  
 Dinner 20:30

**Thursday 3 June 2010**

08:00-09:00	Registration	
09:00-09:05	Welcome Address	
09:05-11:00	<b>OPENING SESSION</b> Chaired by Massimo Tommasino and Robert Garcea	
09:05-09:50	Innate resistance, inflammation, and carcinogenesis	Giorgio TRINCHIERI
09:50-10:35	Inflammation and cancer: a vital crossroad for disease pathology that can be harnessed for therapeutic exploitation	Mauro PERRETTI
10:35-11:00	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Volume 100B: A Review of Human Carcinogenic Biological Agents	Véronique BOUVARD
11:00-11:20	Coffee break	
Session 1 11:20-14:30	<b>Epidemiology I</b> Chaired by Michael Pawlita and Jan Nico Bouwes Bavinck	
11:20-11:45	Epidemiology of Human Polyomaviruses	Robert GARCEA
11:45-12:10	Antibodies against Merkel cell polyoma-virus in Merkel cell carcinoma patients and in the general population	Pierre COURSAGET
12:10-12:25	Detection of Merkel cell polyomavirus in lymphoid tissues and in association with	Sonia TORACCHIO

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JUNE 2-6, 2010

SAN PIETRO IN BEVAGNA, MANDURIA, ITALY



	chronic lymphocytic leukemia	
12:25-12:50	Merkel cell polyomavirus and two novel polyomaviruses are chronically shed from human skin	Christopher BUCK
12:50-13:05	Identification of a new human polyomavirus	Mariet FELTKAMP
13:05-14:00	Lunch	
14:00-14:15	Merkel cell polyomavirus expression in Merkel carcinoma of Italian patients	Aldo VENUTI
14:15-14:30	Case-control study of Merkel cell polyomavirus (MCV) seroreactivity and non-melanoma skin cancer (NMSC)	Dana ROLLISON
Session 2 14:35-17:10	Immunology Chaired by Lutz Gissmann and Richard Roden	
14:35-15:00	DNA oncoviruses and Toll like receptor responses	Uzma HASAN
15:00-15:15	Influence of interferons on Merkel cell carcinoma cell lines	Christoph WILLMES
15:15-15:30	Interferon- $\beta$ affects p53 transactivating activity in cutaneous Human Papilloma-virus 38 (HPV38)-transformed keratinocytes	Gianna ROMEO
15:30-15:45	The HPV16-E7 protein in an animal tumour model shows a different immunogenicity when fused to other antigens: overlooked fact or a novelty?	Paola DI BONITO
15:45-16:05	Coffee Break	
16:05-16:30	Generation of a vaccine against cutaneous papillomaviruses	Lutz GISSMANN
16:30-16:55	Prophylactic vaccination against HPV - strategies to target the L2 protein	Martin MÜLLER
16:55-17:10	Development of a high throughput papillomavirus pseudovirion-based neutralization assay	Ivonne RUBIO
17:10-19:00	Poster Session	
20:00	Welcome Party at Ristorante Reggia Domizia (transport by bus)	



Friday 4 June 2010

<b>Session 3</b>	Virus-host interaction I	
08:00-15:15	Chaired by Thomas Schulz and Paul Lambert	
08:00-08:25	Nuclear effectors of BKV replication	Michael J. IMPERIALE
08:25-08:50	Structural analyses of polyomavirus attachment mechanisms	Thilo STEHLE
08:50-09:15	Cellular DNAJ proteins are required for efficient SV40 infection	Daniel DIMAIO
09:15-09:30	Nuclear virus factories in Polyomavirus-infected cells	Kimberly D. ERICKSON
09:30-09:45	Heparan sulfate modulates transduction of Merkel Cell Polyomavirus vectors	Rachel SCHOWALTER
09:45-10:00	Viral exploitation of the SUMO pathway	Susanna CHIOCCA
10:00-10:20	Coffee Break	
10:20-10:45	Replication and partitioning of Beta Papillomavirus genomes	Alison MCBRIDE
10:45-11:00	Elucidation of natural $\beta$ -HPV-host interactions in organotypic raft cultures and skin biopsies from Epidermo-dysplasia verruciformis patients	Marisa GARIGLIO
11:00-11:25	Cellular networks targeted by the HPV early proteins E6 and E7 and their link with oncogenesis	Yves JACOB
11:25-11:50	<i>Mastomys coucha</i> , a natural rodent model to study papillomavirus-mediated skin carcinogenesis	Frank RÖSL
11:50-12:05	HPV31 and HPV16 induce EGFR signaling cascades that are essential for infection of human keratinocytes	Michele OZBUN
12: 05-13:05	Lunch	
13:05-13:30	Papillomavirus infection requires $\gamma$ secretase	Richard RODEN

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13:30-13:55	HPV-16 uses an unusual endocytic mechanism to enter host cells	Mario SCHELHAAS
13:55-14:20	Structures of Human Papillomavirus capsids complexed with an oligosaccharide receptor fragment	Martin SAPP
14:20-14:45	Human papillomaviruses activate the ATM DNA damage response for genome amplification in differentiated cells	Laimonis LAIMINS
14:45-15:00	Structural and functional study of the interaction of high-risk HPV E6 oncoproteins with the PDZ1 domain of the protein MAGI-1	Sebastian CHARBONNIER
15:00-15:15	HIV protease inhibitors change the growth and differentiation of primary gingival keratinocytes and infectivity of HPV16	Craig MEYERS
15:15-15:35	Coffee Break	
<b>Session 4</b>	Cellular transformation I	
15:35-17:35	Chaired by Denise Galloway and Lawrence Banks	
15:35-16:00	Transforming potential of the Merkel Polyoma Virus large and small T antigens	James DECAPRIO
16:00-16:25	MCV T antigen expression is required for MCV carcinogenesis	Masa SHUDA
16:25-16:50	Investigations of SV40 infection of primary human mesothelial and brain cells uncovers novel mechanism of viral transformation	Michele CARBONE
16:50-17:05	Activity of low prevalence high-risk HPV types in cervical cancer	Gordana HALEC
17:05-17:20	Keratinocyte-specific STAT3 heterozygosity impairs development of skin tumors in HPV8 transgenic mice	Massimo RITTÀ
17:20-17:35	Horizontal transfer of viral oncogenes: an alternative pathway of carcinogenesis	Sophie LAUNAY
18:00	Visit to Manduria and dinner at the winery Consorzio Produttori Vini (transport by bus)	

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Saturday 5 June 2010

<b>Session 5</b> 08:30-12:00	Epidemiology II Chaired by Pierre Coursaget and Ethel-Michele De Villiers	
08:30-08:55	Human papillomavirus, antibodies and squamous cell carcinoma of the skin	Michael PAWLITA
08:55-09:20	Beta papillomavirus infection increases the risk of cutaneous squamous-cell carcinoma	Jan Nico BOUWES BAVINCK
09:20-09:45	Novel HPV types from persisting warts of immunosuppressed patients	Ingo NINDL
09:45-10:00	Case-control study of cutaneous HPV seroreactivity, DNA positivity and non-melanoma skin cancer	Dana ROLLISON
10:15-10:30	Genus gamma human papilloma-viruses and the incidence of basal cell and squamous cell carcinomas of the skin: a population-based case-control study	Tim WATERBOER
10:30-10:50	Coffee Break	
10:50-11:05	Human papillomavirus in tonsillar- and base of tongue cancer - an epidemic of viral induced oropharyngeal carcinomas?	Tina DALIANIS
11:05-11:20	Cutaneous and mucosal Human Papillomaviruses in oesophagitis, squamous cell carcinoma and adenocarcinoma of the oesophagus	Maria Lina TORNSELLO
11:20-11:35	Role of HPV16 in lung cancer: Transfection of constructs expressing HPV16 E6 and E7 oncoproteins in lung cells and HPV16 characterization in lung carcinomas from Chile	Francisco AGUAYO
11:35-12:00	Attempts to define a role for TT viruses in malignant tumours	Ethel-Michele DE VILLIERS



12:00-13:00	Lunch	
<b>Session 6</b>	Virus-host interaction II	
13:00-14:20	Chaired by Mike Imperiale and Alison McBride	
13:00-13:25	Combining reverse genetics and transcriptomics to study the interaction between Kaposi Sarcoma Herpesvirus and endothelial cells	Thomas SCHULZ
13:25-13:50	Discovery and function tumor virus microRNAs	Christopher SULLIVAN
13:50-14:05	The Human Papillomavirus (HPV)-16 E6 oncogene alters cellular MicroRNA expression in HPV-associated cancers	Saleem KHAN
14:05-14:20	How and why do the E6 and E7 oncoproteins of papillomaviruses target so many cell proteins despite of their small size?	Gilles TRAVÉ
14:20-14:40	Coffee Break	
<b>Session 7</b>	Cellular transformation II	
14:40-18:10	Chaired by James DeCaprio and Frank Rösl	
14:40-15:05	Cell polarity regulators as targets of the high risk HPV E6 oncoproteins	Lawrence BANKS
15:05-15:30	Regulation of telomerase by HPV E6	Denise GALLOWAY
15:30-15:55	I $\kappa$ B kinase beta promotes cell survival by antagonizing p53 functions through $\kappa$ Np73 phosphorylation and stabilization	Rosita ACCARDI
15:55-16:20	The canine papillomavirus and gamma HPV E7 proteins use an alternative domain to bind and destabilize the retinoblastoma protein	Hang YUAN
16:20-16:45	HPV and cancer: lessons learned in mice	Paul LAMBERT
16:45-17:10	Human papillomavirus 8 induced keratinocyte transformation in transgenic mice	Herbert PFISTER
17:10-17:25	Transforming properties of E6 and E7 oncoproteins from cutaneous beta human papillomavirus in transgenic mice	Daniele VIARISIO
17:25-17:40	Expression of early genes of human papillomavirus type 16	Elise JACQUIN



17:40-17:55	Human Papillomavirus 8 E6 disrupts terminal keratinocyte differentiation by interfering with Filaggrin maturation in organotypic skin cultures	Siamaque KAZEM
17:55-18:10	Cutaneous papillomavirus type 38 oncoprotein E7 interacts with eukaryotic elongation factor 1A to regulate actin cytoskeleton structure for cell growth transformation	Jiping YUE
20:45	Social Dinner at Masseria Potenti (transport by bus)	

**Sunday 6 June 2010**  
Departure – Shuttles to airport