

9th NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF VIROLOGY



ORVIETO (TR)
Palazzo del Capitano del Popolo
September 7 - 9, 2009

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Giorgio Palù

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Tiziana Lazzarotto

Oliviero Varnier

12:00 - 13.50

Registration

13.50 - 14.00

Opening and Welcome

Session 1

GENERAL VIROLOGY & VIRAL GENETICS

Chairs: *G. Gribaudo (Turin), L. Rubino (Bari)*

14:00 - 16:00

Selected Oral Communications

Near full-length characterization of a UNIQUE HIV-1 BF recombinant associated with a fatal primary infection through massive parallel pyrosequencing

A. Bruselles

Molecular and phylogenetic analysis of HIV-1 variants circulating in Italy.

A. C. Petrizzo

Prediction of viral and host targets of human cytomegalovirus microRNAs.

E. Lavezzo

The high throughput analysis of *Vitis vinifera* small RNAs: a powerful approach revealing infectious agents- and plant deriving short RNAs

V. Pantaleo

Reverse genetic studies of *Ourmia mosaic virus* (family *Ourmiaviridae*) through the setup of an agro-infectious clone.

M. Turina

Tomato yellow leaf curl Sardinia virus virion stability is important for the circulative transmission by *Bemisia tabaci*, but virion access to salivary glands does not guarantee transmissibility

E. Noris

The Ala67Thr mutation in the poliovirus receptor (CD155) is a potential risk factor for vaccine and wild type paralytic poliomyelitis

L. Fiore

Role of MVBs on HCMV gB trafficking and viral envelopment

M. Caduco

16:00 - 16:30

break

Session 2

VIRUS HOST INTERACTIONS & PATHOGENESIS

Chairs: *D. Di Luca (Ferrara), S. Landolfo (Turin)*

16:30 - 18:30

Selected Oral Communications

Elucidation of natural b-HPV-host interactions in organotypic cultures of EVER2-null keratinocytes from Epidermodysplasia verruciformis patients

B. Azzimonti

Serum levels of microRNAs as biomarkers of cirrhosis and liver cancer in patients with chronic Hepatitis C infection

M. Pagani

A Human Cytomegalovirus late-kinetic class of gene(s) induces the production of factors in the cellular secretome that promotes endothelial cell angiogenesis and prevents cellular apoptosis.

P. Caposio

HIV-1 Nef activates inducible nitric oxide synthase in murine microglial cells

G. Mangino

CCR6 Ligands Inhibit HIV by Inducing APOBEC3G

A. Garzino-Demo

A Herpesvirus DNA Polymerase Processivity Factor is Modified by SUMO in the Host Cell

B. Mercorelli

Detection of Human Herpesvirus 6 in thyroid specimens from patients with autoimmune thyroid disease

E. Caselli

Properties of a new satellite rna associated with tomato bushy stunt virus infection

L. Rubino

Fig latent virus 1, a new member of the family Flexiviridae

A. Minafra

18:30 - 19:15

Pioneer in Human Virology

Chair: *G. Palù (Padua)*

Viruses, epidemics and their control with emphasis on HIV

R. Gallo (Baltimore, USA)

Session 3

VIRAL ONCOLOGY

Chairs: C. Giorgi (Rome), M.L. Tornesello (Naples)

08:30 - 10:00

Selected Oral Communications

Disruption of epidermal specific Stat3 expression and delayed skin tumor development in HPV8 transgenic mice

M. De Andrea

Detection of mucosal and cutaneous human papillomaviruses in oesophagitis, squamous cell carcinoma and adenocarcinoma of the oesophagus.

F.M. Buonaguro

Analysis of microRNA expression in cytological cervical samples and correlation with HPV infection

V. Militello

Transcriptional patterns and pathways characterizing HCV-associated pre-neoplastic lesions toward hepatocellular carcinoma.

V. De Giorgi

MiRNA expression in HCV-related chronic liver disease correlates with disease severity

A. Sinigaglia

Post-translational modifications of HTLV-2 Tax protein and their influence on intracellular localization and gene transactivation.

M. Turci

10:00 - 10:30

break

10:30 - 11:30

POSTER VIEWING I

Authors of odd abstracts

Session 4

EMERGING VIRUSES & ZONOTIC, FOODBORNE & ENVIRONMENTAL PATHWAYS OF TRANSMISSION

Chairs: *S. Rosati (Tourin)*, *F.M. Ruggeri (Rome)*

11:30 - 12:00

KeyNote Lecture

Epidemiology and genetic diversity of Crimean-Congo Hemorrhagic Fever virus.

A. Papa (Thessaloniki)

12:00 - 13:00

Selected Oral Communications

New molecular diagnostic strategy to identify the NOVEL A (H1N1)

E. Lalle

West Nile virus infection in the Veneto Region

L. Squarzon

Rotavirus serotypes identified among hospitalized children with severe gastroenteritis in Italy in 2007-2009

F.M. Ruggeri

Noroviruses in dogs

V. Martella

13:00 - 14:30

lunch

Session 5	VIRAL IMMUNOLOGY & VACCINES Chairs: <i>A. Caruso (Brescia), A. Radaelli (Milan)</i>
14:30 - 16:00	<u>Selected Oral Communications</u> Management of HCMV infection in solid organ transplant recipients by simultaneous virological and immunological monitoring. An interim analysis <i>D. Lilleri</i> Differential outcomes of pre-emptive versus prophylaxis therapy in promoting CMV specific T cell reconstitution in solid organ transplant patients. <i>D. Abate</i> Immunological and virological screening to reduce the risk of polyomavirus reactivation in immunosuppressed patients <i>O. Varnier</i> Limited induction of IL-10 in PBMCs from HIV-infected subjects treated with HIV-VLPs. <i>L. Buonaguro</i> Interplay between the HLA background and expression of new and old immunogenic EBV targets in nasopharyngeal carcinoma: implications for immunotherapy <i>R. Dolcetti</i> Is HPV16 E7 oncoprotein an adjuvant of the humoral immune response? <i>L. Petrone</i>
16:00 - 16:30	break
16:30 - 17:30	POSTER VIEWING II Authors of even abstracts
17:30 - 18:15	Pioneer in Plant Virology Chair: <i>L. Rubino (Bari)</i> Specific cell responses to plant virus infections: an ultrastructural overview <i>G. Martelli (Bari)</i>
18:15 - 20:00	SOCIETY MEETING
20:00	Social dinner

Session 6

MEDICAL VIROLOGY & ANTIVIRAL THERAPY

Chairs: *M.R. Capobianchi (Rome), I. Donatelli (Rome)*

8:30 - 10:30

Selected Oral Communications

Evaluation of CMV specific T cells immunity reveals distinct patterns of CMV specific T cell immune reconstitution in pediatric allogeneic stem cell transplant patients.

D. Abate

Results on different formulations of an NNRTI candidate (MC 1220) for application as topical microbicide

S. Blois

Anti-retroviral activity of novel 1,2-benzisothiazol-3(2H)-one benzenesulfonamides targeting HIV nucleocapsid (NC) proteins.

G. Giliberti

CXCR4-Using HIV-1 compartmentalization in Antiretroviral-Naïve Patients with Primary or Chronic HIV Infection.

S.Parisi

WU and KI Polyomaviruses in the Brain of HIV-Positive Patients with and without Progressive Multifocal Leukoencephalopathy

L. Squarzon

Non-nucleoside Inhibitors Target the Flaviviridae RdRp at a Hot-Spot for Inhibition of Viral Replication

S.Shukla

Sulfated Derivatives of Escherichia coli K5 Polysaccharide are Inhibitors of Human Cytomegalovirus

G. Muratore

Clinical severity and molecular typing of human rhinovirus C strains during a fall outbreak affecting hospitalized patients

A Piralla

10:30 - 11.00

break

Session 7

VIRAL BIOTECHNOLOGY & GENE THERAPY

Chairs: *A. Calistri (Padua), L. Menotti (Bologna)*

11:00 - 12:15

Selected Oral Communications

Highthroughput microfluidic platform to enhance adenoviral vector-mediated transgene expression

M. Trevisan

Modular plastic chip for one shot HPV diagnostic analysis

G. Vecchio

Plant Virus-Like Particles as carriers for HIV-1 neutralizing epitopes.

C. Marusic

Disruption of Protein-Protein Interactions as a Novel Antiviral Strategy: from Herpesviruses to Influenza

A. Loregian

Generation of virus-like particles expressing different HIV-1 glycoproteins for induction of broadly neutralizing antibodies.

M.L. Visciano

12:15 - 13:00

GB Rossi Lecture

Molecular basis and clinical implications of the human cytomegalovirus tropism for endothelial/epithelial cells

G. Gerna (Pavia)

13:00 - 13:30

BEST POSTERS' AWARD & CLOSING REMARKS



**Società
Italiana di
Virologia**

SIV

c/o Department of Histology, Microbiology
and Medical Biotechnologies
University of Padova - Italy
www.siv-virologia.it



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ACKNOWLEDGMENTS

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INFORMATION

Congress venue

Palazzo del Capitano del Popolo,
Piazza del Popolo (old centre) - 05018 Orvieto (TR).

How to get to Orvieto

BY CAR:

Highway A1 (Autostrada del Sole) Florence-Rome: exit Orvieto
(time required: from Florence 90 min. - from Rome 60 min.)

Dual carriage-way E45 Perugia - Todi and SS 448 Todi-Orvieto

BY TRAIN:

Railway **Roma-Orte-Attigliano-Orvieto-Chiusi-Terontola-Firenze**
Consult the schedule on the website www.trenitalia.com

EUROSTAR trains don't stop at Orvieto station.

BY PLANE:

International Airport Leonardo Da Vinci - Fiumicino (Rome) Km. 150

Information: phone 1478 65643

Domestic flights reservations: phone 1478 65641

International flights reservations: phone 1478 65642

International Airport Ciampino (Rome) Km. 135

How to get into town:

The high plateau on which Orvieto stands is closed to non-resident traffic but there are a number of ways of getting up into the old centre of town from the valley below.

Leave your car below and take the Bracci funicular from the railway station or use the system of lifts and escalators from Campo della Fiera, where there is also a large covered parking lot.

PARKING LOT AND LIFT OPENING TIMES

7am – 8pm on weekdays and holidays

ESCALATOR OPENING TIMES

7am – 8pm on weekdays and holidays

Information: phone +39 0763 341774

INFORMATION

Participation

Participation in the Congress is limited to a maximum of 300 delegates.

Official Language

The official language of the symposium is English

CME

Italian CME Credits have been assigned by the Italian Ministry of Health for the following categories:

- Medical Doctor: requested

(Specialist Areas: Microbiology and Virology, Infectious Diseases, Pharmacology and Clinical Toxicology)

- Biologist: requested

(Specialist Areas: Microbiology and Virology)

Italian CME certificates will be sent after the Congress directly to the address indicated on the registration form.

Certificates of attendance

The certificate of attendance will be issued to all regularly registered participants at the end of the Congress.

REGISTRATION

Registration Fees VAT 20% included

	BY JULY 31ST	AFTER JULY 31ST
<input type="checkbox"/> SIV Ordinary member	120 Euro	180 Euro
<input type="checkbox"/> Non SIV member	180 Euro	240 Euro
<input type="checkbox"/> SIV member (Extraordinary and Ordinary "non strutturati")*	60 Euro	120 Euro
<input type="checkbox"/> DAILY FEE	60 Euro	

* copy of document certifying your belonging to the category of "non strutturati" must be enclosed

The daily conference package includes: coffees and teas, snack, cheese and wine, abstract book and the reception.

Registration

On-line registration is available at the link

<http://reg.mzcongressi.com/cmsweb/elenco.asp?oldEvento=290>

Please select the SIV Congress among the enlisted events and follow the steps.

For any problems of information please contact the Organizing Secretariat MZ Congressi, siv2009@mzcongressi.com.

Registration Desk

Advance registrants may pick up their registration kits at the Registration Desk located at the Palazzo del Capitano del Popolo.

Cancellation/Refund policy

Any requests for cancellation must be sent to MZ Congressi by July 24, 2009 in order to receive a refund, less 20% for administrative charges. No refund will be possible after the deadline.