



th
**National Congress
of the Italian Society
for Virology**

One Virology One Health

BOLOGNA
July 7-9, 2024

Hotel Savoia Regency
Via del Pilastro, 2

www.congressosiv-isv.com



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Rationale

Viruses have brought humanity numerous challenges: respiratory infections, cancer, neurological damage, and infections immunosuppression related. Virological research has responded to mitigate this illness burden with vaccines, antivirals, and innovation in the diagnosis. Nevertheless, the COVID-19 pandemic has led to unprecedented attention to the virology field.

A carefully balanced, evidence-based discourse is essential to address public concerns while maintaining and expanding needed research in virology. To respond rapidly to emerging viral threats, we must be able to apply up-to-date biological tools to viruses that will enable us to reduce the impact of future epidemics.

The SIV-ISV National Congress represents the annual meeting for the Italian scientists working in the different areas of virology involving basic, clinical and translational research. Moreover, the meeting will offer a superb platform for virologists, epidemiologists, pathologists, physicians, medical specialists and all healthcare professionals to attend expert updates and to share and exchange best practices, knowledge and experiences in order to establish networking and collaborations among world-wide academic and clinical professionals.

In keeping with the tradition, the scientific structure of the Congress features different thematic sessions. The congress continues to provide a global forum with an interdisciplinary approach, featuring keynote talks, plenary sessions, workshops, debates, posters and interactive discussions examining novel and exciting advancements in the management and treatment of a various emerging and re-emerging viral diseases.

Special attention has been given to Young Investigators whose participation has been encouraged by Scholarships. The 8th National Congress of the Italian Society for Virology has been accredited to the Italian Ministry of Health for CME Credits for the following professionals: Medical Doctor (all disciplines), Biologist, Biotechnologist, Medical laboratory technician, Nurse, Veterinary, Pharmacist, Physicist and Chemist.

Join your colleagues in the beautiful Bologna to hear the latest **research activities in different disciplines of virology in line with our mission “One virology, One Health”**. We are certain that your participation or presentation at the conference will contribute significantly to its success.





SCIENTIFIC HEAD

Tiziana LAZZAROTTO

Director UOC of Microbiology, IRCCS Sant'Orsola Polyclinic
 Full Professor of Microbiology and Clinical Microbiology
 Department of Medical and Surgical Sciences - DIMEC
 Alma Mater Studiorum, University of Bologna

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UOC of Microbiology, IRCCS Sant'Orsola Polyclinic
 Department for Integrated Infectious Risk Management - DIGIRI
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Giulia PICCIRILLI

UOC of Microbiology, IRCCS Sant'Orsola Polyclinic
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Jean-Pierre VARTANIAN (Paris, FR)

Pierluigi VIALE (Bologna)

Maurizio ZAZZI (Siena)



Sunday 7th July 2024

From 12.00 Registration of participants
13.15-14.00 Welcome addresses
Greeting from local Authorities

PLENARY SESSION

Aula 1

SESSION 1 ANTIVIRAL THERAPY

Chairs: **Roberto BURIONI** (Milan) - **Massimiliano GALDIERO** (Naples) - **Maurizio ZAZZI** (Siena)

14.00-14.30 The challenges of new anti-HDV treatments
Valentina SVICHER (Rome)

14.30-15.00 Exploring the arenavirus-host cell interface as a path to novel antiviral approaches
Allison GROSETH (Greifswald, DE)

15.00-16.15 5 Oral Presentations to be selected

PARALLEL SESSIONS

Aula 2

SESSION 2 VIRAL PATHOGENESIS AND DISEASE

Chairs: **Giovanni GIAMMANCO** (Palermo) - **Davide GIBELLINI** (Verona) - **Carolina SCAGNOLARI** (Rome)

16.30-17.00 Enteroviruses and human respiratory infections
Francesca CACCURI (Brescia)

17.00-18.30 6 Oral Presentations to be selected

18.30-19.30 With the unrestricted educational grant

Aula 3

SESSION 3 DIAGNOSTICS IN HUMAN VIROLOGY

Chairs: **Tiziana LAZZAROTTO** (Bologna) - **Rossana CAVALLO** (Turin) - **Giuseppe PORTELLA** (Naples)

16.30-17.00 Current challenges and future perspectives of diagnosis and monitoring Hepatitis B Virus infection
Maurizia R. BRUNETTO (Pisa)

17.00-18.30 6 Oral Presentations to be selected

18.30-19.30 With the unrestricted educational grant



Monday 8th July 2024

PLENARY SESSION

Aula 1

SESSION 4 RETROVIRUS

Chairs: **Arnaldo CARUSO** (Brescia) - **Massimo PIZZATO** (Trento) - **Leonardo SECHI** (Sassari)

09.00-09.30 Human endogenous retroviruses: domesticated but unpredictable genome colonizers
Nicole GRANDI (Cagliari)

09.30-10.45 5 Oral Presentations to be selected

PARALLEL SESSIONS

Aula 1

SESSION 5 SIV-ISV/SIMIT JOING SESSION: TRANSPLANTATION AND VIRAL INFECTIONS

Chairs: **Roberto PARRELLA** (Naples) - **Carlo Federico PERNO** (Rome) - **Pierluigi VIALE** (Bologna)

10.45-11.15 Current challenges and advances on the clinical management of viral infections in solid organ and bone marrow transplantation
Maddalena GIANNELLA (Bologna)

11.15-13.00 5 Oral Presentations to be selected

Aula 2

SESSION 6 VIRUS-HOST INTERACTIONS

Chairs: **Guido ANTONELLI** (Rome) - **Francesca CACCURI** (Brescia) - **Nicasio MANCINI** (Varese)

10.45-11.15 Antiviral intracellular proteins: significance in the recovery from infectious diseases
Jean-Pierre VARTANIAN (Paris, FR)

11.15-13.00 5 Oral Presentations to be selected

Aula 3

SESSION 7 PLANT-VIRUS INTERACTIONS

Chairs: **Emanuela NORIS** (Turin) - **Luisa RUBINO** (Bari)

10.45-11.15 Crossroads for BNYVV ncRNA, VSR and long distance movement
David GILMER (Strasbourg, FR)

11.15-13.00 5 Oral Presentations to be selected

PLENARY SESSION

Aula 1

13.00-13.30 **SIV-ISV GENERAL MEMBER MEETING**

13.30-14.30 Lunch and Poster Viewing



PARALLEL SESSIONS

Aula 1

SESSION 8 VIRAL IMMUNOLOGY AND VACCINES

Chairs: **Fausto BALDANTI** (Pavia) - **Mauro PISTELLO** (Pisa) - **Roberta RIZZO** (Ferrara)

14.30-15.00 Vaccines against human papillomaviruses (HPV): how they work and what we already achieved
Mario POLJAK (Ljubljana, SLO)

15.00-16.00 4 Oral Presentations to be selected

Aula 2

SESSION 9 VIRAL ONCOLOGY

Chairs: **Franco M. BUONAGURO** (Naples) - **Clementina COCUZZA** (Milan) - **Marisa GARIGLIO** (Novara)

14.30-15.00 The silent syndemic: the complex dynamics of HPV and *Chlamydia* coinfections in carcinogenesis
Cindrilla CHUMDURI (Aarhus, DK)

15.00-16.00 4 Oral Presentations to be selected

Aula 3

SESSION 10 VIRAL BIODIVERSITY IN NATURAL AND AGRICULTURAL ECOSYSTEMS

Chairs: **Claudio RATTI** (Bologna) - **Massimo TURINA** (Brescia)

14.30-15.00 A new level of microbic biodiversity based on catalytic circular viroid-like RNAs is widespread in fungi
Beatriz NAVARRO (Bari)

15.00-16.00 4 Oral Presentations to be selected



PARALLEL SESSIONS

Aula 1

SESSION 11 EMERGIG AND RE-EMERGING VIRUSES

Chairs: **Luisa BARZON** (Padua) - **Massimo CICCOZZI** (Rome) - **Anna Teresa PALAMARA** (Rome)

16.15-16.45 Toscana virus: a neglected foe
Maria Grazia CUSI (Siena)

16.45-17.15 The fight against polio: are we close to eradication?
Paola STEFANELLI (Rome)

17.15-17.45 2 Oral Presentations to be selected

Aula 2

SESSION 12 GENOMICS AND EVOLUTION OF VIRUSES

Chairs: **Arianna CALISTRI** (Padua) - **Giorgio GRIBAUDO** (Turin) - **Enzo TRAMONTANO** (Cagliari)

16.15-16.45 Facing the coronavirus crisis: monitoring the real-time evolution of SARS-CoV-2
Marta GIOVANETTI (Rome)

16.45-17.45 4 Oral Presentations to be selected

PLENARY SESSION

Aula 1

SESSION 13 ZOOONOSIS AND VIRAL INFECTIONS IN ANIMALS

Chairs: **Andrea BALBONI** (Bologna) - **Gabriele VACCARI** (Rome)

18.00-18.30 Unveiling the zoonotic potential of avian influenza viruses
Massimo PALMARINI (Glasgow, UK)

18.30-19.00 Unlocking viral disease control: the role of bioinformatics and animal models
Giovanni FRANZO (Padua)

19.00-19.20 **SIV-ISV Award 2024**

20.30 Social Dinner



PARALLEL SESSIONS

Aula 1

SESSION 14 FOOD AND ENVIRONMENTAL VIROLOGY

Chairs: **Giuseppina LA ROSA** (Rome) - **Elisabetta SUFFREDINI** (Rome)

09.00-09.30 Viruses and wastewater: from surveillance to reuse, a chest of risks and opportunities
Goria SANCHEZ (Valencia, ES)

09.30-11.00 6 Oral Presentations to be selected

11.00-11.30 Discussion

12.00-12.30 **LURIA AWARDS**

12.30-13.00 Closing remarks

13.00-13.30 Delivery and compilation CME questionnaire



Abstracts

Abstracts will be reviewed by the Scientific Committee and may be selected for either **oral or poster presentation**.

Authors who wish to present scientific works are requested to send abstracts by **May 6th, 2024** using ONLY the online form on the **www.congressosiv-isv.com** website.

Authors must specify their preferred form of presentation (oral communication or poster) when sending their abstracts. The choice is not binding.

By **May 13rd, 2024**, the organisational secretariat will send emails confirming acceptance of the selected works and the presentation mode (oral communication or poster).

ORAL COMMUNICATIONS

The time limit for oral communications is 15 min, including discussions.

POSTER

Poster dimensions should be 70 cm. (width) x 100 cm. (height).

Mounting materials will be provided in the posting area.

The presence of one of the authors is required at the discussion of the posters.

ABSTRACT SUBMISSION GUIDELINES

- The text, in English, must contain (in the following order):
 - **Topic**: indication of the preferential topic
 - **Title**: title of abstract (short, written in UPPERCASE letters)
 - **Author(s)**: Initial of first name followed by surname, initials in uppercase, without academic title; underline name of Author who will present the work.
 - **Affiliation**: name and location of institution.
- Use the Word programme (Times New Roman, font size 12, single-spaced)
- Maximum length: 1 page.

CONTENTS

The abstract must contain:

- Aim of the study
- Methods used
- Results and conclusions

Any bibliographic citations must be inserted in the text. Summary tables or graphs may be included provided they fit on the page of text.



ECM (Educazione Continua in Medicina)

L'evento sarà accreditato presso il Ministero della Salute

Destinatari dell'iniziativa:

- Medico Chirurgo (Tutte le discipline)
- Infermiere
- Biologo
- Farmacista (Farmacia Ospedaliera, Farmacia Territoriale)
- Psicologo (Psicoterapia, Psicologia)
- Chimico (Chimica Analitica)
- Veterinario (Tutte le discipline)
- Tecnico Sanitario di Laboratorio Biomedico

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- Partecipare al 90% delle attività formative
- Compilare correttamente il questionario ECM (l'attribuzione dei crediti è subordinata al superamento del 75% delle risposte corrette)
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Indirizzo mail (per iscriversi), browser web recente ed aggiornato, connessione ad internet, dispositivi per usufruire dei contenuti didattici (pc, smartphone o tablet) dotati di casse (o cuffie) e microfono.



How to reach the venue

RES CONGRESS VENUE

HOTEL SAVOIA REGENCY

Via del Pilastro, 2

40127 Bologna

FAD CONGRESS

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Via Riviera 39, 27100 Pavia

www.nadirex.org



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REGISTRATION FEE

Registration Type (22% VAT included)	Registration Fee by May 15 th , 2024	Registration Fee after May 15 th , 2024
SIV-ISV MEMBER Medical Doctor, Veterinarian, Pharmacist, Biologist/Biotechnologist, Medical laboratory technician, Nurse	€ 150,00 (€ 122,95 + 27,05 VAT at 22%)	€ 200,00 (€ 163,94 + 36,06 VAT at 22%)
SIV-ISV NON-MEMBER Medical Doctor, Veterinarian, Pharmacist, Biologist/Biotechnologist, Medical laboratory technician, Nurse The fee includes: - registration at congress - registration in SIV-ISV for 2024	€ 200,00 (€ 163,94 + 36,06 VAT at 22%)	€ 250,00 (€ 204,92 + 45,08 VAT at 22%)
FAD CONGRESS	€ 120,00 (€ 98,36 + 21,64 VAT at 22%)	
RES AND FAD CONGRESS Oral Communications presenters Post-graduate student / Scholarship fellow / Student / Research fellow	FREE	

The registration fee includes:

- Participation in scientific works • Congress kit • Badge
- Certificate of participation and ECM Certificate
- Coffee breaks and working lunches as per programme
- Social dinner - Monday July 8th, 2024 • Post event educational material
- Abstract Book online • Hostess assistance

EDUCATIONAL GRANT

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SCHEDA DI ISCRIZIONE

Iscrizione on-line:
www.congressosiv-isv.com

8th National Congress of the Italian Society for Virology
Bologna, July 7th-9th, 2024

- MEDICO CHIRURGO** (Discipline: Tutte le discipline) Disciplina
- INFERMIERE** **BIOLOGO** **FARMACISTA** **PSICOLOGO**
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- SPECIALIZZANDO/BORSISTA/DOTTORANDO**

Cognome Nome

Luogo / Data di nascita

Codice Fiscale

Professione

Disciplina

Dipendente Libero Professionista Convenzionato Privo di occupazione

Richiedo crediti ECM Non richiedo crediti ECM

Altre informazioni: Socio SIV-ISV SI NO Ho presentato un abstract SI NO

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RES - Non soci SIV-ISV	€ 200.00 (€ 163.94+36.06 IVA 22%)	€ 250.00 (€ 204.92+45.08 IVA 22%)
FAD	€ 120.00 (€ 98.36+21.64 IVA 22%)	
Presentatori Comunicazioni		
Orali/Specializzandi/Studenti		free

DATI PER LA FATTURAZIONE (OBBLIGATORI):

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Data

Firma



8

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**National Congress
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for Virology**

One Virology One Health

