



SOCIETA' ITALIANA
DI VIROLOGIA

ITALIAN SOCIETY
FOR VIROLOGY

7th National Congress of the Italian Society for Virology

One Virology One Health

Brescia
June 25-27, 2023

Centro Congressi Paolo VI
Via Gezio Calini, 30



PRELIMINARY PROGRAMME

Under the patronage of

- **ISS**

Istituto Superiore di Sanità



AMCLI ETS

Associazione Microbiologi Clinici Italiani



ANIV

Associazione Nazionale Infettivologi Veterinari



MicrobiotaMi

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SIDILV

Società Italiana di Diagnostica di Laboratorio Veterinaria



SIM

Società Italiana di Microbiologia



SIMIT

Società Italiana di Malattie Infettive e Tropicali

Rationale

The northern Italian cities of Bergamo and Brescia take up their joint status as Italy's Capital of Culture 2023. Bypassing the usual application process, the Italian parliament approved the candidature in "a symbol of hope and rebirth" for Bergamo and Brescia, both of which were devastated by the COVID-19 pandemic. The joint culture capital status "bears witness to a possible renaissance through the conscious choice of culture as a central element for civil education, creating skills, employment and social and economic resilience", reads a statement on the Bergamo Brescia 2023 website. In this context, it is a great honor that the city of Brescia will host the **7th National Congress of the Italian Society for Virology (SIV-ISV)**. The SIV-ISV National Congress represents the annual forum for the Italian scientists working in the different areas of virology (medical-clinical virology, molecular virology, veterinary virology, environmental and plant virology) involving basic, clinical and translational research and taking advantage of the most advanced technological platforms. In keeping with the tradition, the scientific structure of the Congress features different thematic sessions: Viral pathogenesis and disease, Virus-host interactions, Structural virology and biotechnology, Diagnostic virology, Antiviral therapy, Viral diseases and vaccines, Linking viruses to cancer, Emerging viruses, Zoonosis and viral infections in animals, plant and environmental virology, and for the first time, a Italian Society for Infectious and Tropical Diseases (SIMIT)/SIV-ISV joint session on HIV/AIDS. As usually, the Congress will be conceived to promote productive interactions between the different virological souls and we invite participants to explore synergies between different disciplines. Every session starts with Invited Lectures followed by oral communications selected from the "Call for Abstracts". Specific Symposia mainly dedicated to innovative methods of diagnosis, clinical aspects of virology, and tailored treatments, as well as Poster Exhibition and Discussion will complete the scientific structure of the Congress. Special attention has been given to Young Investigators whose participation has been encouraged by Scholarships.

The 7th 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.

Carlo Bonfanti (Brescia)

Francesca Caccuri (Brescia)

Arnaldo Caruso (Brescia)

Maria Antonia De Francesco (Brescia)

Simona Fiorentini (Brescia)

Cinzia Giagulli (Brescia)



SOCIETÀ ITALIANA
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PRESIDENT

Arnaldo Caruso (Brescia)

CHAIRS

Carlo Bonfanti (Brescia)

Antonella Bugatti (Brescia)

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Arnaldo Caruso (Brescia)

Maria Antonia De Francesco (Brescia)

Simona Fiorentini (Brescia)

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SCIENTIFIC SECRETARIAT

Guido Antonelli (Rome)

Francesca Caccuri (Brescia)

Arianna Calistri (Padua)

Arnaldo Caruso (Brescia)

Massimiliano Galdiero (Naples)

Tiziana Lazzarotto (Bologna)

Vito Martella (Bari)

Luisa Rubino (Bari)

Enzo Tramontano (Cagliari)

Massimo Turina (Brescia)

Gabriele Vaccari (Rome)

Maurizio Zazzi (Siena)

Faculty

MASSIMO ANDREONI (Rome)
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GUIDO ANTONELLI (Rome)
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MASSIMILIANO GALDIERO (Naples)
MARISA GARIGLIO (Novara)
GIOVANNI GIAMMANCO (Palermo)
DAVIDE GIBELLINI (Verona)
MARTA GIOVANETTI (Rome / Brazil)
NOLWENN JOUVENNET (Paris, France)
MICHELE LAI (Pisa)
TIZIANA LAZZAROTTO (Bologna)
ROSA LOZANO-DURAN (Tübingen, Germany)
ANNA LUGANINI (Turin)
FABRIZIO MAGGI (Rome)
VITO MARTELLA (Bari)
CLAUDIO MASTROIANNI (Rome)
ANA MORENO (Brescia)
ANNA TERESA PALAMARA (Rome)
GIORGIO PALÙ (Padua)
CARLO FEDERICO PERNO (Rome)
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ROBERTA RIZZO (Ferrara)
FRANK RÖSL (Heidelberg, Germany)
LUISA RUBINO (Bari)
GUIDO SILVESTRI (Atlanta, USA)
GEOFFREY SMITH (Oxford, UK)
MARIA LINA TORNESELLO (Naples)
ENZO TRAMONTANO (Cagliari)
MASSIMO TURINA (Brescia)
GABRIELE VACCARI (Rome)
MAURIZIO ZAZZI (Siena)

Sunday 25th June 2023

From 12.00 Registration of participants

13.15-14.00 Welcome addresses
Arnaldo Caruso (President SIV-ISV)
Saluto delle Autorità

PLENARY SESSION

AULA MAGNA CON AULA FRANCESCHETTI

SESSION 1 Antiviral therapy

Chairs: **Enzo Tramontano** (Cagliari), **Maurizio Zazzi** (Siena)

14.00-14.30 Emerging antivirals for chronic hepatitis B infection
Raffaele De Francesco (Milan)

14.30-15.00 The rise and fall and the future of SARS-CoV-2 monoclonal antibodies
Rino Rappuoli (Siena)

15.00-15.15 Oral Presentation to be selected

15.15-15.30 Oral Presentation to be selected

15.30-15.45 Oral Presentation to be selected

15.45-16.00 Oral Presentation to be selected

16.00-16.15 Oral Presentation to be selected

PARALLEL SESSIONS

AULA MAGNA

SESSION 2 Viral pathogenesis and disease

Chairs: **Massimo Andreoni** (Rome),
Carlo Federico Perno (Rome)

16.30-17.00 From viral pathogenesis
to clinical phenotype in viral
diseases
Andrea Antinori (Rome)

17.00-17.30 RSV in immunocompromised
patients: light and shadow
Raffaele Bruno (Pavia)

17.30-17.45 Oral Presentation to be selected

17.45-18.00 Oral Presentation to be selected

18.00-18.15 Oral Presentation to be selected

18.15-18.30 Oral Presentation to be selected

18.30-19.30 **SPONSORED SYMPOSIUM
COPAN GROUP**

AULA FRANCESCHETTI

SESSION 3 Diagnostics in human virology

Chairs: **Rosanna Cavallo** (Turin),
Tiziana Lazzarotto (Bologna)

16.30-17.00 A glimpse into the future
of diagnostic virology: what
will it look like and what are
the challenges?
Fabrizio Maggi (Rome)

17.00-17.15 Oral Presentation to be selected

17.15-17.30 Oral Presentation to be selected

17.30-17.45 Oral Presentation to be selected

17.45-18.00 Oral Presentation to be selected

18.00-18.15 Oral Presentation to be selected

18.15-18.30 Oral Presentation to be selected

18.30-19.30 **SPONSORED SYMPOSIUM
ELITECH GROUP**

End day 1

Monday 26th June 2023

PLENARY SESSION

AULA MAGNA CON AULA FRANCESCHETTI

SESSION 4 HIV/AIDS SIMIT/SIV-ISV joint session

Chairs: **Guido Antonelli** (Rome), **Claudio Mastroianni** (Rome)

09.00-09.30 New targets in the HIV life cycle
Carlo Federico Perno (Rome)

09.30-10.00 Clinical management of HIV multidrug resistance
Antonella Castagna (Milan)

10.00-10.15 Oral Presentation to be selected

10.15-10.30 Oral Presentation to be selected

10.30-10.45 Oral Presentation to be selected

10.45-11.00 Oral Presentation to be selected

11.00-11.15 Oral Presentation to be selected

PARALLEL SESSIONS

AULA MAGNA

SESSION 5 Virus-host interactions

Chairs: **Arianna Calistri** (Padua),
Francesca Caccuri (Brescia)

11.30-12.00 Calcium-conducting viroporins:
roles in viral replication and
pathogenesis
Anna Luganini (Turin)

12.00-12.15 Oral Presentation to be selected

12.15-12.30 Oral Presentation to be selected

12.30-12.45 Oral Presentation to be selected

12.45-13.00 Oral Presentation to be selected

AULA FRANCESCHETTI

SESSION 6 Zoonosis and viral infections in animals

Chairs: **Gabriele Vaccari** (Rome),
Vito Martella (Bari)

11.15-11.45 Emerging zoonotic respiratory
viruses: What can we expect?
Ana Moreno (Brescia)

11.45-12.15 African Swine Fever: exotic,
epidemic or endemic disease?
Each scenario requires an
adapted strategy
Francesco Feliziani (Perugia)

12.15-12.30 Oral Presentation to be selected

12.30-12.45 Oral Presentation to be selected

12.45-13.00 Oral Presentation to be selected

PLENARY SESSION

AULA MAGNA CON AULA FRANCESCHETTI

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

13.30-14.30 Lunch and Poster viewing

Monday 26th June 2023

PARALLEL SESSIONS

AULA MAGNA

SESSION 7 Viral diseases and vaccines

Chairs: **Arnaldo Caruso** (Brescia),
Franco Maria Buonaguro (Naples)

14.30-15.00 Immune-based approaches to cure HIV infection and AIDS
Guido Silvestri (Atlanta, USA)

15.00-15.30 Viral antigens as cancer vaccines
Luigi Buonaguro (Naples)

15.30-15.45 Oral Presentation to be selected

15.45-16.00 Oral Presentation to be selected

16.00-16.15 Oral Presentation to be selected

SESSION 9 Linking viruses to cancer

Chairs: **Marisa Gariglio** (Novara),
Maria Lina Tornesello (Naples)

16.15-16.45 Mastomys choucha: a unique animal model for papillomavirus-induced skin carcinogenesis
Frank Rösl (Heidelberg, Germany)

16.45-17.00 Oral Presentation to be selected

17.00-17.15 Oral Presentation to be selected

17.15-17.30 Oral Presentation to be selected

17.30-17.45 Oral Presentation to be selected

AULA FRANCESCHETTI

SESSION 8 Plant and environmental virology

Chairs: **Luisa Rubino** (Bari),
Massimo Turina (Brescia)

14.30-15.00 Geminiviruses: master manipulators - and a threat to food security

Rosa Lozano-Duran (Tübingen, Germany)

15.00-15.15 Oral Presentation to be selected

15.15-15.30 Oral Presentation to be selected

15.30-15.45 Oral Presentation to be selected

15.45-16.00 Oral Presentation to be selected

SESSION 10 Structural virology and biotechnology

Chairs: **Mauro Pistello** (Pisa),
Davide Gibellini (Verona)

16.15-16.45 Enhancing genome-editing tools for treating viral infections
Michele Lai (Pisa)

16.45-17.00 Oral Presentation to be selected

17.00-17.15 Oral Presentation to be selected

17.15-17.30 Oral Presentation to be selected

17.30-17.45 Oral Presentation to be selected

PLENARY SESSION

AULA MAGNA CON AULA FRANCESCHETTI

SESSION 11 Plenary lecture

Chairs: **Arnaldo Caruso** (Brescia), **Arianna Calistri** (Padua)

18.00-18.40 Planetary health: the threat of emerging viruses
Giorgio Palù (Padua)

18.40-19.00 **SIV-ISV Award 2023**

PARALLEL SESSIONS

AULA MAGNA

19.00-19.30 **SPONSORED SYMPOSIUM 3**

Chairs:

AULA FRANCESCHETTI

19.00-19.30 **SPONSORED SYMPOSIUM 4**

Chairs:

End day 2

20.30 Social dinner

Tuesday 27th June 2023

PARALLEL SESSIONS

AULA MAGNA

SESSION 12 Viral immunology

Chairs: **Roberto Burioni** (Milan),
Roberta Rizzo (Ferrara)

09.00-09.30 Clash of the titans: RNA viruses and interferons
Nolwenn Jouvennet (Paris, France)

09.30-09.45 Oral Presentation to be selected

09.45-10.00 Oral Presentation to be selected

10.00-10.15 Oral Presentation to be selected

10.15-10.30 Oral Presentation to be selected

AULA FRANCESCHETTI

SESSION 13 Emerging viruses

Chairs: **Giovanni Giammanco** (Palermo),
Massimo Ciccozzi (Rome)

09.00-09.30 A renaissance for Poxviruses
Geoffrey Smith (Oxford, UK)

09.30-10.00 Tracking the spread of emerging and re-emerging viral pathogens is key for predicting and preventing future epidemics
Marta Giovanetti (Rome / Brazil)

10.00-10.15 Oral Presentation to be selected

10.15-10.30 Oral Presentation to be selected

10.30-10.45 Oral Presentation to be selected

PLENARY SESSION

AULA MAGNA CON AULA FRANCESCHETTI

SESSION 14 The immunology and genetics of respiratory viruses

Chairs: **Anna Teresa Palamara** (Rome), **Massimiliano Galdiero** (Naples)

10.45-11.15 Across the winter into the virus cloud
Fausto Baldanti (Pavia)

11.15-11.45 Human respiratory viruses: immunity, circulation and clinical disease
Roberto Burioni (Milan)

11.45-12.00 Oral Presentation to be selected

12.00-12.15 Oral Presentation to be selected

12.15-12.30 Oral Presentation to be selected

12.30-12.45 **Luria Awards**

12.45-13.00 Closing remarks

13.00-13.30 Delivery and compilation CME questionnaire

Closing of the Congress

● **Abstracts topics**

- ANTIVIRAL THERAPY
- VIRAL PATHOGENESIS AND DISEASE
- DIAGNOSTICS IN HUMAN VIROLOGY
- HIV/AIDS SIMIT/SIV-ISV
- VIRUS-HOST INTERACTIONS
- VIRAL IMMUNOLOGY
- VIRAL DISEASES AND VACCINES
- PLANT AND ENVIRONMENTAL VIROLOGY
- LINKING VIRUSES TO CANCER
- STRUCTURAL VIROLOGY AND BIOTECHNOLOGY
- EMERGING VIRUSES
- ZOONOSIS AND VIRAL INFECTIONS IN ANIMALS
- THE IMMUNOLOGY AND GENETICS OF RESPIRATORY VIRUSES

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 **April 20th, 2023** 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 **April 24th, 2023**, 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.

General Informations

REGISTRATION

www.congressosiv-isv.com

METHODS OF PAYMENT

- Bank transfer BIC: BCITITMM
IBAN: IT66L0306911310100000069654
Nadirex International Srl
- Credit card

Registration Type (22% VAT included)	Registration Fee by May 1 st , 2023	Registration Fee after May 1 st , 2023
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 2023	€ 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

REGISTRATION FEE

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 26th, 2023
- Post event educational material
- Abstract Book

Request for VAT exemption (Article 10 paragraph 20 of Presidential Decree 637/72)

Public Bodies wishing to request VAT exemption on the payment of the employee registration fee are required to apply for it by crossing out and putting your own stamp in the space provided on the registration form. Requests without a stamp are not recognized for tax purposes. It is not possible to request a refund of VAT and the issue of the relative credit note after payment has already been made. For administrative reasons, registrations accompanied by incorrect fees or without the required declaration will not be validated.

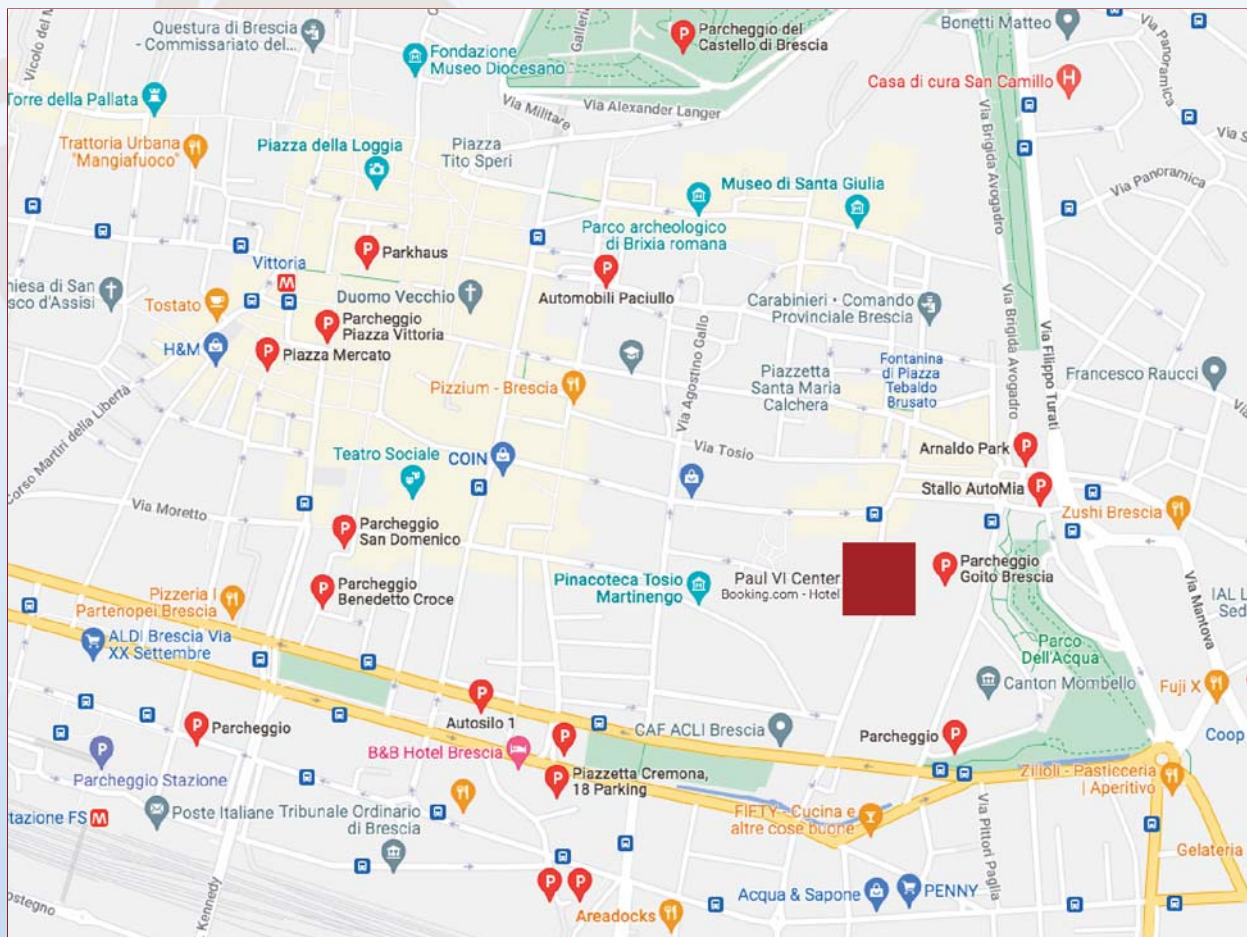
How to reach the venue

RES CONGRESS VENUE

CENTRO CONGRESSI PAOLO VI
Via Gezio Calini, 30
Brescia

FAD CONGRESS

Nadirex International Srl
Via Riviera 39, 27100 Pavia
www.nadirex.org



ORGANIZING SECRETARIAT AND PROVIDER CME NR. 265



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ECM (Educazione Continua in Medicina)

L'evento è stato 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**

ECM RES 265-381751 - Nr. 6 crediti formativi - Nr. Partecipanti 300

Per conseguire i crediti ECM relativi all'evento residenziale è obbligatorio:

- Partecipare al 90% delle attività formative
- Compilare correttamente il questionario ECM (l'attribuzione dei crediti è subordinata al superamento del 75% delle risposte corrette)
- Compilare la scheda di qualità percepita evento RES
- Compilare la scheda indagine bisogni formativi
- Firmare il registro presenza all'inizio ed al termine dei lavori
- Aver compilato la dichiarazione di reclutamento da parte di Sponsor (da consegnare all'inizio della giornata)

ECM FAD 265-381753 - Nr. 40,5 crediti formativi - Nr. Partecipanti 500

Per conseguire i crediti ECM relativi all'evento FAD è obbligatorio:

- Partecipare al 90% delle attività formative
- Compilare correttamente il questionario ECM (l'attribuzione dei crediti è subordinata al superamento del 75% delle risposte corrette)
- Compilare la scheda di qualità percepita evento FAD
- Compilare la scheda indagine bisogni formativi
- Firmare il registro presenza all'inizio ed al termine dei lavori
- Aver compilato la dichiarazione di reclutamento da parte di Sponsor (da allegare all'atto dell'iscrizione o inviare per mail info@nadirex.com)

DOTAZIONE HARDWARE E SOFTWARE NECESSARIA ALL'UTENTE PER SVOLGERE L'EVENTO

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.

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