MILANO

25° ESCV 2023
30 AUGUST – 2 SEPTEMBER

FINAL PROGRAM

www.escv2023.org
Upper and lower respiratory tract infections
Reliable PCR detection of various pathogens

**Broad assay portfolio** as single or multiplex assay
Human Adenovirus, Enterovirus, RSV, SARS-CoV-2, human metapneumovirus (hMPV), influenza virus (type A, B and A (H1N1)pdm09), MERS-CoV, parainfluenza virus 1-4 (PIV), *Pneumocystis jirovecii*, *Bordetella* (B. pertussis, B. parapertussis, B. holmesii)

**Flexible application**
Manual or automated use with AltoStar® workflow
Can be used with various PCR cyclers
Ready-to-use reagents

Visit our booth #21
www.altona-diagnostics.com
Welcome to 25° ESCV Congress

Dear Colleagues and Friends,

On behalf of the Congress Organizing Committee of the European Society for Clinical Virology, I would like to invite all of you to the 25th Annual Meeting of the ESCV which will take place in Milano, Italy, 30 August - 2 September 2023. The meeting, consisting of presentations, symposia, discussions, open sessions and workshops, will be an engaging experience for expert clinical virologists and young scientists attending the ESCV for the first time. Topics of the 25th ESCV Annual Meeting will be focused on the state of the art as well as the most recent discoveries and innovations in Clinical Virology and will include: respiratory viruses, gastrointestinal viruses, neurovirology, virus-associated tumors and immunocompromised hosts, hepatitis and HIV, viral infections in pregnancy, emerging and re-emerging viruses, immune response and vaccines, advancements in diagnostics and one health approach in preventing outbreaks, epidemics and pandemics. High scientific profile industry-sponsored workshops are also welcome.

The meeting will be held at MiCo Convention Center, one of Europe’s largest convention centers based in Milano. Here, outstanding facilities and versatile exhibition areas welcome every event with the perfect ambience, with quick connections to the city public transportation network and international airports. The city of Milano is the ideal frame for any kind of event thanks to its leading role as business and financial capital of the country, internationally recognized as one of the world’s most important hubs for events, fashion, design, art and history. The Duomo, as well as the city’s museums and art galleries, collect masterpieces of some of the most fascinating European art movements, while Teatro La Scala has welcomed celebrated composers and a variety of international performers and conductors. Milano is also home to the biggest names in the fashion industry, such as Valentino, Prada, Armani, Dolce & Gabbana, etc, and it is an important hub for designers.

Over the years, Milano has also opened the doors to the traditions of quite a few types of international cuisine, still preserving its long-standing local tradition of food, wine and the ritual aperitivo, thus offering to any kind of event the best welcome!

Looking forward to welcoming you in Milano in August 2023,

Fausto Baldanti
Congress President

Department of Clinical, Surgical, Diagnostic and Pediatric Sciences University of Pavia, Italy.
Microbiology and Virology Dept., Fondazione IRCCS Policlinico San Matteo, Pavia

Professor Pamela J. Vallely
ESCV President

COMMITTEE

Javier Buesa, Spain
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Pamela Vallely, United Kingdom

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Fausto Baldanti
Congress President

Department of Clinical, Surgical, Diagnostic and Pediatric Sciences University of Pavia, Italy.
Microbiology and Virology Dept., Fondazione IRCCS Policlinico San Matteo, Pavia
**WEDNESDAY**

**AUGUST 30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>15.00-16.30</td>
<td>S1: One Health approach in preventing outbreaks, epidemics and pandemics</td>
</tr>
<tr>
<td>16.30-18.00</td>
<td>S2: Emerging and re-emerging viruses</td>
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<tr>
<td>18.00-19.00</td>
<td>Council Meeting ESCV</td>
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<tr>
<td>19.00-20.00</td>
<td>Welcome Ceremony Welcome Reception</td>
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**THURSDAY**

**AUGUST 31**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8.00-9.00</td>
<td>WS - THERMO FISHER SCIENTIFIC</td>
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<tr>
<td>9.00-10.30</td>
<td>S3: Viruses in immunocompromised patients/Virus-associated tumors</td>
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<tr>
<td>10.30-11.00</td>
<td>Coffee break</td>
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<tr>
<td>11.00-12.30</td>
<td>S4: Immune response to viral infections/vaccines</td>
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<tr>
<td>12.30-14.30</td>
<td>Lunch</td>
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<tr>
<td>13.00-14.00</td>
<td>WS - BIOMERIEUX WS - IME SYMPOSIUM WS - ABBOTT</td>
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<tr>
<td>14.30-16.00</td>
<td>S5: Hepatitis and HIV</td>
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<tr>
<td>16.00-16.30</td>
<td>Coffee break</td>
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<tr>
<td>16.30-17.30</td>
<td>S6: Clinical cases</td>
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<tr>
<td>17.30-18.30</td>
<td>ENNGS Meeting ENPEN Meeting</td>
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<tr>
<td>17.30-18.30</td>
<td>Poster Session 1</td>
</tr>
</tbody>
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**All Tests with One System**

Seegene syndromic tests using high multiplex PCR technology cover all fields of molecular diagnostics.

- COVID-19
- Respiratory Infection
- Tuberculosis
- Sexually Transmitted Infection
- Vaginal Infection
- Human Papillomavirus Infection
- Gastrointestinal Infection
- Antimicrobial Resistance
- Meningitis
- Single Nucleotide Polymorphism
- Vector-borne Disease
- Urinary Tract Infection
- Streptococcal Infection
- Fungal Infection
- Monkeypox

- Symptom-based testing
- Expanded MDx product lineup
- Comprehensive test results
- Quantitative testing
- Fully automated workflow

Get started with automated molecular testing Seegene STARlet-AIOS

Visit Seegene Booth #14 to learn more about Seegene MDx Solution
### SEPTEMBER 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09.00-10.30</td>
<td>S7: Respiratory viruses</td>
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<tr>
<td>10.30-11.00</td>
<td>Coffee break</td>
</tr>
<tr>
<td>11.00-12.30</td>
<td>S8: Gastrointestinal viruses</td>
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<tr>
<td>12.30-14.30</td>
<td>Lunch and Poster Session 2</td>
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<tr>
<td>13.00-14.00</td>
<td>WS - SIEMENS HEALTHINEERS</td>
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<tr>
<td>14.30-16.00</td>
<td>S9: Virus-associated neurologic syndromes</td>
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<tr>
<td>16.00-17.30</td>
<td>S10: Infections in pregnancy</td>
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<tr>
<td>17.30-18.30</td>
<td>ESCV General Assembly</td>
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<td>19.30</td>
<td>Social Dinner</td>
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### SEPTEMBER 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09.00-13.00</td>
<td>Open Coffee break</td>
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<tr>
<td>09.00-10.30</td>
<td>S11: Advancements in diagnosis and monitoring Genomics, Metagenomics and virus discovery advancements in prevention and treatment</td>
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<tr>
<td>10.30-12.00</td>
<td>S12: ENPEN Session</td>
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<tr>
<td>12.00-13.00</td>
<td>Closing Ceremony</td>
</tr>
</tbody>
</table>
**WEDNESDAY**  
**AUGUST 30**

15.00-16.30  **S1 - One Health approach in preventing outbreaks, epidemics and pandemics, Chairs: A. T. Palamara, C. Moore**

Lecture by M. Koopmans: “One Health Approach in preventing outbreaks, epidemics and pandemics”

**ORAL PRESENTATION**

**Biomerieux Award:** The clinical impact of multiplex PCR panel diagnostics: Still a long way to go?  
M. Panning
Detection of influenza A H5N1 in Eurasian Otters Screened as Part of a Public Health Safety Measure Prior to Research Autopsy - a possible approach for the passive surveillance of avian to mammal spillover events  
K. Pheasant
Was a pig virus responsible for the death of the first pig-to-human heart transplant recipient?  
C. Crossan
Surveillance of SARS-COV-2 variants in wastewater of airplanes  
E. Wollants

16.30-18.00  **S2 - Emerging and re-emerging viruses, Chairs: T. Fischer, A. Papa**

Lecture by L. Barzon: “West Nile virus: an update on the epidemiology, pathogenesis, and diagnosis”

**ORAL PRESENTATION**

Building-Level Wastewater Surveillance Localizes Interseasonal Influenza Variation  
J.J. Miranda
Enabling genomic surveillance and outbreak analysis of mpox virus by development of a novel amplicon based Nanopore sequencing approach  
M. Jonges
In vitro models to assess auto-Abs neutralizing the protective effect of type I IFNs against WNV infection  
A. Ferrari
Exploring the neuropathogenicity of emerging strains of west nile virus lineage 1 and 2 S  
A. Sinigaglia

18.00-19.00  **ESCV Council Meeting**

19.00-20.00  **WELCOME CERIMONY, Chair: F. Baldanti**  
G. Bertolaso, Councilor for Welfare of Regione Lombardia  
F. Forneris, University of Pavia  
A. Venturi, President of IRCCS Policlinico San Matteo Foundation

**THURSDAY**  
**AUGUST 31**

8.00-9.00  **Industry Symposia: Thermo Fisher Scientific**

9.00-10.30  **S3 - Viruses in immunocompromised patients/Virus-associated tumors, Chairs: H. Hirsch, J. M. Miró**

Lecture by F. Locatelli: “Monitoring and treatment of viral infections in hematopoietic stem cell transplant recipients”

**ORAL PRESENTATION**

Diagnostic utility of cytomegalovirus DNA quantitation in patients with ulcerative colitis  
I. Saglik
Epstein-Barr Virus LMP-1 Peptide Variants and Host-Encoded HLA-E Alleles are Novel Biomarkers for EBV-associated Lymphoproliferative Diseases  
H. Vietzen
Expression of human endogenous retroviruses (HERV) in clinical specimens of patients with colon cancer  
M. Dolci
Updated Epidemiology of Cytomegalovirus Resistance to Letermovir in France  
D. Andouard

10.30-11.00  **COFFEE BREAK**

11.00-12.30  **S4 - Immune response to viral infections/vaccines, Chairs: G. Sourvinos, E. Puchhammer**

Lecture by S. Abrignani: “Vaccination strategy to follow SARS-CoV-2 variants throughout pandemia: Seeking effector immune responses rather than memory”

**ORAL PRESENTATION**

Tixagevimab + cilgavimab as pre-exposure prophylaxis for SARS-CoV2 in immunocompromised patients  
G. L. Esposito
Low immunogenic response to SARS-CoV-2 vaccine-boost in Cancer patients: case series from Portugal  
T. Dias
The protective mechanism against COVID-19, antibody vs cellular immunity  
K. Shrwan
Convalescent plasma treatment of COVID-19: Antibody profiles of donors and patients  
V. Nurmi

12.30-14.30  **LUNCH**
THURSDAY  
AUGUST 31

13.00-14.00  Industry Symposia: Biomerieux, IME symposium, Abbott

14.30-16.00  S5 - Hepatitis and HIV, Chairs: M. Panning, C. Perno

Lecture by J. M. Miró: “Antiretroviral Therapy in people living with HIV: Past, present and future”

ORAL PRESENTATION

Downtrend HCV and HBV viremia prevalence in dialysis patients in South Bulgaria
R. Komitova
Molecular characterisation of a rabbit Hepatitis E Virus strain detected in a chronically HEV-infected individual from Germany
D. Harms
Ultra-sensitive HBV DNA detection and risk prediction of occult hepatitis B virus infection in blood donors in England
M. Fu
Characterization and role of HIV-DNA minority mutations in a long-term treated paediatric patients cohort
L. Colagrossi

16.00-16.30  COFFEE BREAK

16.30-17.30  S6 - Clinical cases, Chairs: M. Feltkamp, E. Badaby

Lecture by P. Openshaw: “Acute and delayed effects of respiratory virus infection”

ORAL PRESENTATION

Monitoring of nasal Type I IFN response during viral respiratory infections: Respiferon study
D. Parraud
Herpes simplex virus is an important lung pathogen in critically ill patients – ten years experience
P. Hubacek
Epidemiology, clinical presentation and Whole Genome Sequencing of Human Respiratory Syncytial Virus in the 2022/2023 winter season
G. Ferrari
Prevalence of viral respiratory pathogens in deceased persons: a multiplex qPCR-based study covering 16 viruses in >7500 post-mortem samples
S. Pfefferle

17.30-18.30  POSTER SESSION I

FRIDAY  
SEPTEMBER 1

9.00-10.30  S7 - Respiratory viruses, Chairs: E. Pariani, C. Moore

Lecture by P. Openshaw: “Acute and delayed effects of respiratory virus infection”

ORAL PRESENTATION

Prevalence of gastrointestinal pathogens by multiplex PCR gastrointestinal panel stool test in patients with and without inflammatory bowel disease
S. Erganis
Detection of viral agents causing gastroenteritis by multiplex PCR method in patients; norovirus, rotavirus, adenovirus, astrovirus, sapovirus
M. Hager
Genetic Diversity of Group A Rotavirus Circulating in Ireland between 2015-2021 Identified Through Nanopore Whole-Genome Sequencing
Z. Yandle
Analytical and clinical validation of a lab-developed, fully automated high-throughput multiplex-PCR panel for the detection of seven gastrointestinal viruses: Norovirus GT1, Norovirus GT2, Rotavirus, Adenovirus, Sapovirus, Astroviruse and Enterovirus
D. Noerz
**FRIDAY**

**SEPTEMBER 1**

12.30-14.30  **LUNCH and Poster Session II**

13.00-14.00  Industry Symposia: Siemens Healthineers, Bio-Rad, ELITechGroup

14.30-16.00  **S9 - Virus-associated neurologic syndromes, Chairs: H. Harvala, P. Klapper**

Lecture by K. Messacar: “Challenges in Diagnosis and Surveillance of Virus-Associated Neurologic Syndromes”

**ORAL PRESENTATION**

Abbott Award: Virus-associated neurologic syndromes
M. Graninger
Viral and human transcriptomic investigation of cerebrospinal fluid specimens from patients with herpes simplex virus and varicella-zoster virus infections of the central nervous system
S. Burrell
Evaluation of chemokines in serum and cerebrospinal fluid of children with tick borne encephalitis
A. Sulik

16.00-17.30  **S10 - Infections in pregnancy - Co-hosted by the ECCI Network, Chairs: T. Lazzarotto, P. Vallely**

Lecture by A. Vossen: “Congenital cytomegalovirus infection: From bedside to bench”

**ORAL PRESENTATION**

HCMV glycoprotein M has 3 distinct genotypes among clinical isolates
A. Al Alfarad
Evidence of Increase Risk of Severe SARS-CoV-2 Infection Among Pregnant Women With Malaria Co-infection
A. Aliyu Isah
Expression Patterns of Cellular Receptors of the Cytomegalovirus in the Fetal Human Inner Ear
L. Grijpink
Diagnostic performance of Dried Blood Spot (DBS) molecular test for detecting congenital CMV (cCMV) infection in neonates born to women with non-primary CMV infection
L. Pellegrinelli

17.30-18.30  **GENERAL ASSEMBLY**

**SATURDAY**

**SEPTEMBER 2**

9.00-10.30  **S11 - Advancements in diagnosis and monitoring Genomics, Metagenomics and virus discovery advancements in prevention and treatment - Co-hosted by the ENNGS Network, Chairs: F. Baldanti, X. Lopez**

Lecture by C. Chiu: Gardner Award - “Metagenomic Sequencing for Diagnosis and Surveillance of Emerging Viral Infections”

**ORAL PRESENTATION**

Heine-Medin Award: The Next Generation of Clinical Virology
M. Perdomo
Rapid and Sensitive Single-Sample Viral Metagenomics using Nanopore Flongle Sequencing
I. Pichler
Determinants of positivity and impact of clinical metagenomics: a 3 years’ prospective study in France
J. Fourgeaud
Performance of metagenomics NGS probe-based pathogen detection in clinical samples
R. Ferreira

10.30-12.00  **ENPEN Session**

Neonatal Enteroviral Sepsis - case of Echovirus 11 (EV-11)
S. A. Feeney
A pilot study for an international surveillance model capturing severe neurological enterovirus and parechovirus infections
C. K. Johannesen
Epidemiological and molecular characterization of human Enterovirus in outpatients and hospitalized patients with acute respiratory illness in Lombardy (Northern Italy), from July 2021 to April 2023
L. Pellegrinelli
The environmental surveillance for enteroviruses: from a historical perspective to the state of art
L. Bubba
Cluster of neonatal enterovirus myocarditis cases in Cardiff, United Kingdom
C. Moore

12.00-13.00  **Closing Ceremony**
All delegates must register for the congress. Registration fees are as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>ESCV Member</th>
<th>Non Member</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>660 €</td>
<td>740 €</td>
<td>540 €</td>
</tr>
</tbody>
</table>

Registration fees include 22% VAT. Registration in the STUDENT category is only open to people able to provide a valid official certificate.

The Registration Fee includes:

- Entrance to Scientific Sessions, Industry-Sponsored Workshops, Posters Sessions and Exhibition
- Possibility to submit abstracts
- Certificate of attendance by e-mail after the Congress
- Coffee and Lunches during the Congress

Registration fees shall be paid by credit card or bank transfer through the online system available on the congress website. When paying by bank transfer, a copy of the transfer receipt must be sent to federica.donzelli@mzevents.it.

Registrations without proof of payment will not be accepted. On-site registrations may be paid only by credit card or cash. Cheques will not be accepted. The organising secretariat will send registration receipt upon receipt of payment, via e-mail. Be sure your e-mail address is filled in correctly.

After 1 July no refunds will be issued.

Registration fees do not include the insurance of participants against personal accidents, sickness and cancellations by any party, theft, loss or damage to personal possessions. Participants are advised to take out adequate personal insurance to cover travel, accommodation, cancellation and personal effects.
ARGENE® RESPIRATORY MOLECULAR SOLUTIONS
SARS-COV-2/FLUA/FLUB/RSV R-GENE®

Detect & differentiate
SARS-CoV-2, Influenza A, Influenza B and RSV with 1 PCR test

Pending CE-IVDR registration under EU regulation 2017/746

Real Time PCR Complete Solution for a streamlined molecular diagnostics workflow.
Lyophilized reagents!
POSTER
Posters will be arranged by topic and display in the Congress Venue. Posters will be numbered and must be exposed for the duration of the congress. In order to encourage discussion poster presenting Authors must be at the assigned poster panel in the following time slots:

Thursday 31 August 17.30-18.30
Friday 1 September 12.30-14.30

LANGUAGE
The official language of the Congress is English. Simultaneous translation is not provided.

NAME BADGE
A name badge will be required to access to the conference area. Participants will receive a name badge at check in at registration desk. Delegates and exhibitors must display the official badge at all times.

CONGRESS KIT
The congress kit can be picked up at the Registration Desk.

HOTEL
For any information please contact MiCodmc
P.le Carlo Magno 1 – 20149 Milan – Italy
Tel.: +39 02 43426288
escv-milan.hotel@micodmc.it

INDUSTRY EXHIBITION
Participants are encouraged to visit the industry exhibition, which will be accessible for the duration of the Congress.
**Congress Venue**

Allianz MiCo
Milano Convention Centre
via Gattamelata – Gate 14

Milano Convention Centre is right in the centre of Milan 4 km from the Duomo

**How to Reach MiCo**

**Buses & Trams**
Bus no. 78 get off at Colleoni/Gattamelata
Tram no. 19 get off at Boezio

**Lilac Line 5**
Get off at the “Portello” stop, walk along via Colleoni and, on the right, via Gattamelata for approx. 450 m, otherwise get off at the “Domodossola FNM” stop, and walk about 600 m towards the Congress Centre.

**Red Line 1**
Get off at the “Cadorna” stop, exit the subway and go to the railroad station above: take the first train departing and get off at the “Domodossola” stop just 600 m from the Congress Centre.

**Yellow Line 3**
Get off at the “Duomo”, switch to the Red Line 1 (RHO Fiera Milano direction) Get off at the “Cadorna” stop, exit the subway and go to the railroad station above: take the first train departing and get off at the “Domodossola” stop – just 600 m from the Congress Centre.

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**Syndromic Testing, Your Way**

Configure multiplex PCR testing for a broad range of infectious diseases

**EasyScreen™ Detection Kits***

<table>
<thead>
<tr>
<th>Category</th>
<th>Tests</th>
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<tbody>
<tr>
<td><strong>Respiratory</strong></td>
<td>18 viral pathogens</td>
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<tr>
<td></td>
<td>Plus 7 bacterial &amp; fungal targets</td>
</tr>
<tr>
<td><strong>Gastrointestinal</strong></td>
<td>10 viral pathogens</td>
</tr>
<tr>
<td></td>
<td>Plus over 25 bacterial &amp; parasite targets</td>
</tr>
<tr>
<td><strong>Sexual Health</strong></td>
<td>3 viral pathogens</td>
</tr>
<tr>
<td></td>
<td>Plus 7 bacterial &amp; parasite targets</td>
</tr>
</tbody>
</table>

*Plus other disease areas! Learn more at genetic signatures.com

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**End-to-end workflow**

- Universal sample preparation
- Flexible, automated extraction & PCR preparation
- PCR cycling & amplification
- Results calling software with full user control
- Export to LIMS

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**Aptima® & Panther Fusion®**

Superior automation combined with high performance tests

- **Aptima® & Panther Fusion® assays**
  - Blood borne viruses
  - Respiratory
  - Sexually transmitted infections
  - Vaginal health
  - Cervical health
  - Open Access for Lab Developed Tests
  - Transplant
  - Hospital-acquired infections
  - Gastrointestinal panels* Panther® & Panther Fusion® Tests

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*Contact our team for kit configuration and regulatory status in your region

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`* In development, not for sale`
WORKSHOPS AND MEETINGS

WS THERMO FISHER SCIENTIFIC

AUGUST 31 H. 8.00-9.00
ROOM: PLENARY HALL

Viral reactivation in transplanted patients - challenges, perspectives and testing solutions

Viral Reactivation after Hematopoietic Stem Cell Transplantation: Perspective of Clinical Hematologist
O. Borsani

Key issues on the monitoring of viral infection in the allogeneic stem cell transplant recipient: the virologist perspective
D. Navarro

Molecular diagnostics for the qualitative and quantitative detection of common pathogens that put transplanted patient at risk
G. Ranaldi

WS IME SYMPOSIUM

Organized by Virology Education and supported by an independent educational grant from Moderna.

AUGUST 31 H. 13.00 – 14.00
ROOM: ROOM 1

Spotlight on RSV – A Hidden Epidemic in Older Adults

RSV Epidemiology and Disease Burden in Older Adults
J. Paget

Clinical Manifestations and Risk Factors for Severe Disease
P. J. M. Openshaw

RSV Prevention – Review of Clinical Trials in Elderly
Panel Discussion

WS ABBOTT

AUGUST 31 H. 13.00 – 14.00
ROOM: ROOM 2

Innovative solutions for testing transplant markers on the Alinity m system.
Chair: D. Navarro

Multicenter performance evaluation of the Alinity m molecular assays for quantifying Cytomegalovirus and Epstein-Barr Virus DNA in different matrices
D. Navarro

Development overview of Alinity m Transplant assays
S. Huang

WS SIEMENS HEALTHINEERS

SEPTEMBER 1 H. 13.00 – 14.00
ROOM: PLENARY HALL

The workshop will discuss the challenges of genetic drift and variants on the performance of viral PCR tests. Additionally, the importance of an effective surveillance program to ensure reliability of results will be addressed.

Coping with Genetic Evolution of Viruses: A Race Against Time
C. Loukas
A. Gilles

Let us inspire you!

Set-up your personal live demonstration of our CarL system including our broad recomLine immunoassay portfolio.

Join us and discuss our wide range of safe & flexible PCR products: compatible with all common extraction and amplification systems.

Discover our unique T-Track® SARS-CoV-2 and T-Track® CMV T-cell Diagnostics for the detection of antigen-specific T-cell responses.

Join us and be inspired!
Standardization of CMV viral load results in IU/ml for immunosuppressed patient monitoring: cross perspective from a clinician and a virologist

Virologist perspective
V. Thibault

Clinician perspective
G. Travi
SPONSOR COMPANY PROFILES

AB ANALITICA
Leading Innovation in Diagnostic Systems
Experience excellence in diagnostic systems with AB ANALITICA, the Italian leader in developing, producing, and commercializing state-of-the-art solutions for healthcare professionals. Our team of highly qualified researchers, in collaboration with esteemed research institutes, universities, and hospitals, ensures we deliver high-quality, innovative, and safe systems aligned with the latest clinical guidelines. Certified by UNI EN ISO 9001 and UNI EN ISO 13485, we uphold the highest standards in designing, developing, producing, and trading in-vitro diagnostic medical devices (IVD). With a comprehensive sales network across Italy and partnerships with foreign distributors, AB ANALITICA ensures widespread accessibility to our exceptional products. Redefine diagnostics with us, shaping a healthier world.

ANT BIOTECHNOLOGY
At Ant Biotechnology Company, we are pioneers in the field of microbiology diagnostics, setting new standards with our cutting-edge RT-PCR kits. Our groundbreaking UniQplex™ technology empowers laboratories worldwide with rapid and efficient results, revolutionizing the diagnostic process. With an impressive detection time of approximately 42 minutes, our kits bring unparalleled speed to the table. What sets us apart is our unique ability to run multiple DNA and RNA amplifications simultaneously, ensuring a streamlined workflow. From STD to Respiratory Pathogens, our comprehensive product line caters to diverse diagnostic needs. Join us in shaping the future of rapid and precise diagnostics.

BIOMERIEUX
A world leader in the field of in vitro diagnostics for 60 years, bioMérieux is present in 45 countries and serves more than 160 countries through a large network of distributors. bioMérieux provides diagnostic solutions (systems, reagents, software and services) that determine the origin of a disease to improve the health of patients. World leader in microbiology, specialized in immunoassays and leading pioneer in the syndromic molecular approach, the Company is committed worldwide on major public health issues, in the field of infectious diseases, such as antimicrobial resistance, sepsis and respiratory infections.

CLONIT
Since 1987, Clonit is focused in developing, manufacturing and distributing of innovative and reliable in Vitro Diagnostic Equipment and Reagents for Molecular Diagnostics. A deep expertise in Molecular Biology make our company a valued partner for laboratories and hospitals around the world. With our high standard and high performance IVDs portfolio, we aim to improve healthcare by enhancing and supporting the decision-making process, in line with scientific and technological evolution. Our Real time PCR based kits are used to detect a broad range of diseases in several key areas: bacterial, fungal and viral infections, onc hematology and several genetic disorders.

COPLAN
Copan is dedicated to developing high-quality and cutting-edge sample collection products for infectious diseases, human genomics, environmental and forensic applications, along with automated workflow solutions. Our ideas drove 40 years of progress in preanalytics, resulting in meaningful products tailored to fit any need. Among them, FLOQ technology revolutionized sample collection, while WASP Lab advanced hardware and A.I. modules leveraged automation and digitalization to redefine full lab automation. Copan’s Workflow-Integrated System Environment can accompany your biological samples from the collection to impeccable diagnostics, unlocking your lab’s real potential and improving treatment indication and patient care. https://www.copangroup.com/

DIASORIN
Headquartered in Italy and listed at the Italian Stock Exchange in the FTSE MIB Index, DiaSorin is a global leader in the In Vitro Diagnostic (IVD) field and is active since 2021 in the Life Science business. For over 50 years, the Company has been developing, producing and marketing reagent kits used by diagnostic laboratories worldwide. The Group operates in 5 continents through 39 companies, 4 branches, 10 manufacturing facilities and 9 research and development centers. The extensive diagnostic testing and Life Science offer, made available through continuous investments in research, positions DiaSorin as the player with the broadest range of specialty tests available within the diagnostic market, and identifies the Group as the “Diagnostic Specialist”. More info at www.diasoringroup.com

GENETIC SIGNATURES
Genetic Signatures is a global molecular diagnostics company, providing configurable syndromic testing solutions for infectious diseases. Adverse range of assays are available under the EasyScreenTM brand, for the flexible detection of over 100 clinically relevant pathogens. Diagnostic assays are underpinned by proprietary 3baseTM technology which improves multiplex efficiency and reduces the genetic complexity of detecting pathogens. This is particularly beneficial for detecting pathogen subtypes and provides greater resilience to genetic variation. The streamlined and automated workflow can detect a large number of pathogens in a single sample, whilst preserving throughput, providing timely and accurate diagnosis to improve patient management.

HLOGIC
Hologic Inc. is an innovative medical technology company focused on improving health and wellness through the early diagnosis and treatment of disease. It aims to enable a healthier life everywhere, every day. Over time, Hologic has developed revolutionary products and services for bone and breast health, gynecological surgery solutions, in vitro diagnostic
medical devices for clinical molecular and cytology diagnostics, and biomedical imaging systems. Hologic’s commitment to improving patients’ lives follows the “The Science of Sure” approach, pursuing the goal of providing safe results, through highly specific products and cutting-edge technologies.

Mikrogen
Since 1989 we are a pioneer in the field of in vitro diagnostics: our focus is early detection of infectious diseases. It is realized in our automated workflows keeping our customers competitive with a focus on top-tier LINE-Assays, ELISA, CLIA, and Real-Time PCR.

Seegene Inc
Seegene Inc. is an in vitro diagnostics (IVD) company that has been turning innovative technologies into products through its pioneering R&D activities. Seegene owns its original patent technologies including DPO™, TOCE™, MuDT™ and 3 Ct™. With these cutting-edge molecular diagnostic technologies applied to a variety of Seegene PCR (Polymerase Chain Reaction) products, Seegene has enhanced the sensitivity, specificity, and target coverage per a test to unprecedented levels by providing accurate high-multiplex PCR products that detect genes of multiple pathogens simultaneously per each fluorescence channel. Seegene STARlet-AIOS is a fully automated system that can be operated by those with minimal PCR experience and is compatible with a wide range of Seegene’s syndromic assays. Seegene continues to set new standards in molecular diagnostics through cutting-edge innovations. www.seegene.com

Siemens Healthineers
Siemens Healthineers enables healthcare providers worldwide to increase value by empowering them on their journey towards expanding precision medicine, transforming care delivery, improving patient experience and digitalizing healthcare. A leader in medical technology, Siemens Healthineers is constantly innovating its portfolio of products and services in its core areas of diagnostic and therapeutic imaging and in laboratory diagnostics and molecular medicine. Siemens Healthineers is also actively developing its digital health services and enterprise services. Further information is available at www.siemens-healthineers.com.

Thermo Fisher Scientific
Thermo Fisher Scientific Inc. is the world leader in serving science. Our Mission is to enable our customers to make the world healthier, cleaner and safer. Whether our customers are accelerating life sciences research, solving complex analytical challenges, increasing productivity in their laboratories, improving patient health through diagnostics or the development and manufacture of life-changing therapies, we are here to support them. Our global team delivers an unrivaled combination of innovative technologies, purchasing convenience and pharmaceutical services through our industry-leading brands, including Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific, Unity Lab Services, Patheon and PPD.

Fast, comprehensive answers inform appropriate patient management.

The BIOFIRE® FILMARRAY® Pneumonia (PN) Panel tests for 26 of the most common bacterial and viral pathogens associated with pneumonia, along with 7 antimicrobial resistance genes. Faster detection of the targets on the BIOFIRE PN Panel leads to faster results-directed therapy.1

1: Poole, S. et. al. (2022) J Infect. S0163-4453(22)00533-3.
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