



# 20th ESCV 2017

## ANNUAL MEETING



13-16  
September  
2017

Stresa - ITALY  
Lago Maggiore

FINAL PROGRAMME

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## SUMMARY







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 20th Annual Meeting of the ESCV which will take place in Stresa, Lake Maggiore, Italy, 13-16 September 2017.

The scientific program, consisting of presentations, symposia, discussions, open sessions and workshops, will be focused on the state of the art as well as the most recent discoveries and innovations in Clinical Virology. Topics of the 20th ESCV Annual Meeting will include: respiratory viruses, gastrointestinal viruses, virus-associated neurologic syndromes, virus-associated tumors, hepatitis viruses, HIV and other retroviruses, viruses in immunocompromised patients, viral infections in pregnancy, emerging viruses, immune response to viral infections, advancements in diagnosis and monitoring advancements in prevention and treatment. High scientific profile industry-sponsored workshops are also welcome.

Finally, the Heine-Medin, the Gardner Lecture, the Abbott Diagnostic and the BioMérieux awards will be assigned during the Meeting.

Stresa, on the Western Lake Maggiore coast, the second largest Italian lake (212 sq. km), is situated in Northern Italy, in an ideal position between mountains and the shores of Borromean Gulf. Its beautiful countryside, mild climate, luxury villas and opulent Art Nouveau hotels made the town of Stresa a blend of relaxation and culture in an enchanting setting that evokes the atmosphere of the belle époque. Charles Dickens was only one of many famous people who enjoyed some time spent in Stresa through its history. Also Stendhal and Flaubert have often walked on Stresa's beach, and Ernest Hemingway wrote his masterpiece *A Farewell to Arms* here. Lord Byron as well as an infinite list of European kings and queens chose Stresa as a halting place during their Grand Tours. From Stresa it is easy to reach the three Borromean Islands, which are steeped in artistic, historical and botanical appeal. On the islands of Bella and Madre there are sumptuous palaces and rare plant gardens where peacocks, parrots and pheasants roam wild against an exotic backdrop reminiscent of faraway lands. In contrast, the Isola dei Pescatori is famous for the charming simplicity of its old fishing village, which is considered one of the most picturesque spots on Lake Maggiore.

Looking forward to welcoming you in Stresa in September 2017,

Fausto Baldanti  
Javier Buesa



WELCOME



# UNDER THE AUSPICES OF



Comune di Stresa



Sistema Socio Sanitario





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## MEETING COMMITTEES

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### CONGRESS PRESIDENT

Fausto Baldanti

Department of Clinical, Surgical, Diagnostic and Pediatric Sciences, University of Pavia, Pavia, Italy

Molecular Virology Unit, Microbiology and Virology Dept., Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

### CONGRESS ORGANISING COMMITTEE

Guido Antonelli (Roma, Italy)

Fausto Baldanti (Pavia, Italy)

Luisa Barzon (Padova, Italy)

Sandro Binda (Milano, Italy)

Rossana Cavallo (Torino, Italy)

Pasquale Ferrante (Milano, Italy)

Tiziana Lazzarotto (Bologna, Italy)

Carlo Federico Perno (Roma, Italy)

Antonio Piralla (Pavia, Italy)

### SCIENTIFIC PROGRAMME COMMITTEE

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Maria Rosaria Capobianchi (Italy)

Peter Coyle (United Kingdom)

Mariet C.W. Feltkamp (The Netherlands)

Giorgio Gallinella (Italy)

Heli J. Harvala (United Kingdom)

Hans H. Hirsch (Switzerland)

Hubert G.M. Niesters (The Netherlands)

Svein Arne Nordbø (Norway)

Paulo Paixão (Portugal)

Marcus Panning (Germany)

Elisabeth Puchhammer-Stöckl (Austria)

Maria Carla Re (Italy)

Pamela J. Vallely (United Kingdom)

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## SPEAKERS AND CHAIRMEN

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Judith Aberle (Austria)

Guido Antonelli (Italy)

Fausto Baldanti (Italy)

Luisa Barzon (Italy)

Javier Buesa (Spain)

Maria Rosaria Capobianchi (Italy)

Rossana Cavallo (Italy)

Mariet C.W. Feltkamp (The Netherlands)

Pasquale Ferrante (Italy)

Giorgio Gallinella (Italy)

Jose M. Gatell (Spain)

Heli J. Harvala (United Kingdom)

Hans H. Hirsch (Switzerland)

Antonio Lanzavecchia (Italy)

Tiziana Lazzarotto (Italy)

Hubert G.M. Niesters (The Netherlands)

Svein Arne Nordbø (Norway)

Paulo Paixão (Portugal)

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George Sourvinos (Greece)

Kate Templeton (United Kingdom)

Pamela J. Vallely (United Kingdom)

Christelle Vauloup Fellous (France)

Maurizio Zavattoni (Italy)

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## ABSTRACT REVIEWERS

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Guido Antonelli (Italy)

Luisa Barzon (Italy)

Sandro Binda (Italy)

Javier Buesa (Spain)

Maria Rosaria Capobianchi (Italy)

Rossana Cavallo (Italy)

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Elisabeth Puchhammer-Stöckl (Austria)

Maria Carla Re (Italy)

Pamela J. Vallely (United Kingdom)

# SCIENTIFIC PROGRAMME

## 13 September

14.30 - 15.00 Opening Ceremony at Auditorium

**15.00 - 16.30 Session: Respiratory viruses**

Chair: P. J. Vallely, K. Templeton

15.00 - 15.30 Update on Enterovirus D68 epidemics in Europe  
H.G.M. Niesters

**ORAL PRESENTATION**

15.30 - 15.45 **O1** The youngest infants at the highest risk for severe RSV disease: epidemiology and molecular profile of respiratory syncytial virus (RSV) among young children < 5 years-of-age in Denmark, 2010 to 2015  
Thea Kølsen Fisher

15.45 - 16.00 **O2** Exploring Metagenomic Next-Generation Sequencing in Routine Diagnostics of Viral Respiratory Infections  
Van Boheemen Sander

16.00 - 16.15 **O3** Detection of reassortant influenza B strains from 2004 to 2015 seasons in Barcelona (Spain) by whole genome sequencing (WGS)  
Andrés Vergés Cristina

16.15 - 16.30 **O4** Acute flaccid myelitis cases persistently associated with spikes in respiratory Enterovirus D68: Case series from a single pediatric medical centre  
Dien Bard Jennifer

16.30 - 17.00 Gardner Lecture: Broadly neutralizing antibodies, a new therapeutic possibility  
A. Lanzavecchia

17.00 - 17.30 Coffee break and poster viewing

**17.30 - 19.00 Session: Emerging viruses**

Chair: M. R. Capobianchi, M. Feltkamp

17.30 - 18.00 Ongoing and emerging Arbovirus threats  
L. Barzon

**ORAL PRESENTATION**

18.00 - 18.15 **O5** Global distribution of human protoparvoviruses  
Väisänen Elina

18:15 - 18.30 **O6** Novel lineages of coxsackievirus A06 associated with atypical of Hand- Foot- and Mouth disease and decreased sensitivity of VP1 typing primers, Denmark 2005-2017  
Midgley Sofie Elisabeth

18.30 - 18.45 **O7** Multiple measles outbreaks sustained by different genotypes in Lombardy Region during an ongoing epidemic involving Italy since January 2017  
Rovida Francesca

18.45 - 19.00 **O8** Hepatitis E virus emergence in north eastern France  
Schvoerer Evelyne

19.00 - 20.00 ESCV Council Meeting

20.00 Welcome reception at the Congress Venue



# 14 September

## 08.30 - 10.00 **Session: Viruses in immunocompromised patients**

Chair: E. Puchhammer-Stöckl,  
R. Cavallo

08.30 - 09.00 Opportunistic viral infections beyond herpesviruses  
H. Hirsch

### ORAL PRESENTATION

09.00 - 09.15 **O9** Immunosuppression-driven HBV Reactivation Correlates with a Relevant Risk of Death and with Evolution Towards Active Chronic Infection  
Battisti Arianna

09.15 - 09.30 **O10** A bi-centric longitudinal analysis of HCMV-specific T-cell immune response among kidney transplant recipients (KTRs)  
Cassaniti Irene

09.30 - 09.45 **O11** Next Generation Sequencing for the detection of antiviral drug resistant Herpes Simplex Virus Type 1 subpopulations in immunocompromised patients  
Pelissier Rodolphe

09.45 - 10:00 **O12** Association of Torque Teno Virus load with the efficacy of immunosuppression after lung transplantation  
Goerzer Irene

10.00 - 10.30 Sponsored award lecture: The clinical impact of studying Viral-associated tumors: future directions  
Hugo Sousa

10.30 - 11.00 Coffee break and poster viewing

## 11.00 - 12.30 **Session: Hepatitis viruses**

Chair: S. A. Nordbø, C. F. Perno

11.00 - 11.30 HCV in the DAA era  
C.F. Perno

### ORAL PRESENTATION

11.30 - 11.45 **O13** Diversity of Hepatitis B surface antigen variants among acute hepatitis B virus infections in the Netherlands  
Benschop Kimberley

11.45 - 12.00 **O14** Gastrointestinal cells represent an extrahepatic reservoir of HCV: possible role in HCV natural history and liver reinfection after transplantation  
Russelli Giovanna

12.00 - 12.15 **O15** Hepatitis Delta Antigen is characterized by an extensive degree of genetic variability that correlates with elevated levels of serum HDV-RNA.  
Colagrossi Luna

12.15 - 12.30 **O16** HCV eradication still difficult for genotype 4r  
Roque-Afonso Anne-Marie

12.30 - 14.45 Lunch and Sponsored Workshops (see pag. 11-12)

## 15.00 - 16.30 **Session: HIV and other Retroviruses**

Chair: G. Antonelli, M. C. Re

15.00 - 15.30 Long term control of HIV infection: perspectives and challenges  
J. M. Gatell

## 14 September

### ORAL PRESENTATION

- 15.30 - 15.45  
**O17** Retroviruses; post-transcription restriction and microRNAs  
Claire Crossan
- 15.45 - 16.00  
**O18** Red blood cells are a natural slow release depot for Elulfavirine/ VM1500A HIV NNRTI  
Bichko Vadim
- 16.00 - 16.15  
**O19** Analysis of the association of HIV-1 low level viremia and virological failure to antiretroviral therapy  
Rolf Kaiser
- 16.15 - 16.30  
**O20** In vitro and in vivo inhibition of the CCL2/CCR2 axis induces the expression of the anti-HIV factor APOBEC3A  
Covino Daniela Angela
- 17.00 - 20.00 Tour of the Borromean Islands

## 15 September

### 08.30 - 10.00 Session: Virus-associated tumors

Chair: P. Valley, G. Sourvinos

- 08.30 - 09.00 HPV malignancies beyond cervical cancer. An universal vaccination approach required?  
M. Poljak

### ORAL PRESENTATION

- 09.00 - 09.15  
**O21** Heine-Medin Award: The Human Endogenous Retrovirus H is over expressed and hypomethylated in the tissues of colorectal cancer patients - Delbue Serena
- 09.15 - 09.30  
**O22** Gain of positively charged amino acids at specific positions of HBsAg C-terminus is tightly correlated with HBV-induced hepatocellular carcinoma by affecting the structural folding of this domain  
Salpini Romina
- 09.30 - 09.45  
**O23** Post-transplant lymphoproliferative disorder in paediatric renal transplant recipients before and after tacrolimus immunosuppression  
Cooray Samantha
- 09.45 - 10.00  
**O24** HPV infection among vaccinated and unvaccinated italian young people  
Daniela Amicizia
- 10.00 - 10.30 Sponsored award lecture: Adenovirus complications after allogeneic hematopoietic stem cell transplantation - Albert Heim
- 10.30 - 11.00 Coffee break and poster viewing



# 15 September

## 11.00 - 12.30 **Session: Immune response to viral infections**

Chair: F. Baldanti, M. Panning

11.00 - 11.30 Type I Interferon in viral infections: a reconsideration of its role 60 years after the discovery  
G. Antonelli

### ORAL PRESENTATION

11.30 - 11.45  
**O25** A Prospective Observational Study to Evaluate a CMV-specific Elispot Assay in Allogeneic Hematopoietic Cell Transplant (allo-HCT) Recipients: The REACT Study  
Chemaly Roy

11.45 - 12.00  
**O26** Age-dependent dysregulation of type I IFN and retroviral restriction factors in HIV-1 infected patients on long-term antiretroviral therapy.  
Carolina Scagnolari

12.00 - 12.15  
**O27** Human parechovirus 1, 3 and 4 neutralizing antibodies in Dutch mothers and infants and their role in protection against disease  
Wolthers Katja

12.15 - 12.30  
**O28** Development and evaluation of a bead-based multiplex immunoassay for IgG-seroreactivity against human polyomaviruses  
Kamminga Sergio

12.30 - 14.45 Lunch and Sponsored Workshops (see pag. 11-12)

### ROOM 2

13.45 - 14.45 Establishment of European Non-Polio Enterovirus Network (ENPEN)  
H. J. Harvala

## 15.00 - 16.30 **Session: Virus-associated neurologic syndromes**

Chair: P. Ferrante,  
E. Puchhammer-Stöckl

15.00 - 15.30 Viral infections of the central and peripheral nervous system  
H. J. Harvala

### ORAL PRESENTATION

15.30 - 15.45  
**O29** Enterovirus A71 outbreak associated with severe neurologic diseases in Spain, 2016  
Gonzalez-Sanz Ruben

15.45 - 16.00  
**O30** Molecular Epidemiology of Enterovirus Infection in Ireland 2015 - 2016  
Morley Ursula

16.00 - 16.15  
**O31** Molecular epidemiology of enteroviruses among patients with aseptic meningitis in South of Iran  
Taherkhani Reza

16.15 - 16.30  
**O32** A six-year evaluation of viral central nervous system infections  
Varici Balci Fatma Kamer

16.30 - 17.00 Coffee break and poster viewing

## 17.00 - 18.30 **Session: Gastrointestinal viruses**

Chair: H. J. Harvala, C. Vauloup  
Fellous

17.00 - 17.30 Human migrations, susceptibility and gastrointestinal viruses  
J. Buesa

# 15 September

## ORAL PRESENTATION

- |                             |  |
|-----------------------------|--|
| 17.30 - 17.45<br><b>O33</b> | Fast and reliable NGS-based method for investigation of norovirus outbreaks with single or multiple genotypes<br>Rasmussen Lasse Dam                     |
| 17.45 - 18.00<br><b>O34</b> | Emerging G3 rotaviruses in eastern india revealed intergenogroup recombination and changes in antigenic epitopes during 2014 - 2016<br>Banerjee Anindita |
| 18.00 - 18.15<br><b>O35</b> | Replication in Human Intestinal Enteroids to Assess Human Norovirus Inactivation<br>Vinjé Jan  |
| 18.15 - 18.30<br><b>O36</b> | Human astroviruses: Insights of a six-year molecular epidemiological analysis in Germany<br>Jacobsen Sonja   |
| 18.30 - 19.30               | ESCV General Assembly<br>Presentation of the 21 <sup>st</sup> ESCV   |
| 20.30                       | Social dinner at Regina Palace   |

## ESCV Executive meeting

 **September 13** h 10.00 - 14.00

 Board Room, Level 0

## ESCV Council meeting

 **September 13** h 19.00 - 20.00

 Auditorium, Level 0

## ESCV General Assembly

 **September 15** h 18.30 - 19.30 pm

 Auditorium, Level 0

# 16 September

09.00 - 12.00 Open Coffee in Exhibition Area

**09.30 - 10.55 Session: Viral infections in pregnancy**  
Joint session with AMCLI - Association of Italian Clinical Microbiologists  
 Chair: T. Lazzarotto, P. Paixao

09.30 - 09.50 Zika virus infection in pregnant women  
 M. Zavattoni

09.50 - 10.10 Standardization of Rubella virus immunoassays  
 C. Vauloup Fellous

## ORAL PRESENTATION

10.10 - 10.25 Association of Rift Valley fever virus infection with miscarriage in humans  
**O37**  
 Evander Magnus

10.25 - 10.40 What is underlying hyperechogenic bowel in congenitally cytomegalovirus infected fetuses?  
**O38**  
 Gabrielli Liliana

10.40 - 10.55 Consequences of MMR Vaccination Gaps in Young Adults: Measles Infections in Pregnancy and in the Newborn  
**O39**  
 Holzmann Heidemarie

**11.00 - 12.25 Session: Advancements in diagnosis, monitoring and treatment**  
 Chair: G. Gallinella, H.G.M. Niesters

11.00 - 11.20 miRNAs, new markers in Clinical Virology?  
 G. Sourvinos

11.20 - 11.40 Determining T-cell immune responses to flaviviruses  
 J. Aberle

## ORAL PRESENTATION

11.40 - 11.55 Development of pan-parechovirus antibodies for point-of-care  
**O40**  
 Susi Petri

11.55 - 12.10 Added value of ultra-deep sequencing approach for detection of genotypic antiviral resistance of herpes simplex virus  
**O41**  
 Burrel Sonia

12.10 - 12.25 Epstein Barr viral microRNAs profiling of prognostic and diagnostic value in a PTLD patient cohort  
**O42**  
 Gallo Alessia

12.30 - 13.00 Closing Ceremony

# JOIN THE EVOLUTION



Visit booth 03 to learn how you can expand your testing capabilities with the Panther Fusion™ system and our Aptima® assays.

**Hologic will be hosting a number of exciting activities at ESCV 2017, so please visit us at booth 03 to:**

- Get a demo of the new Panther Fusion system which combines TMA and PCR testing on a single instrument to consolidate testing for STIs, Virology, Respiratory, Cervical Health, LDTs and more
- Hear more about our Aptima viral load monitoring assays for HIV-1, HBV and HCV
- Ask us about our new flexible approach to syndromic respiratory virus testing
- Talk to us about our expanding Aptima STI portfolio for Chlamydia, Gonorrhea, Trichomonas, Mycoplasma, HSV 1 & 2 and Zika
- Speak directly to members of our Scientific and R&D team

**You are also invited to join our Industry Sponsored Symposium on Thursday, 14 September, 13.45-14.45 in the Auditorium.**

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# WORKSHOP

## 14 September

12.30-13.30  
**QIAGEN**

ROOM 1

### **Improving management of transplanted patients by combining viral load with specific cell-mediated immune response monitoring**

Chair: Fausto Baldanti

Recent updates on the management of transplant patients, new tools to gain a more complete clinical picture

Angela Chiereghin

Current challenges in the management of post-transplant CMV infection: the promising role of immune monitoring

Mario Fernandez Ruiz

12.30-13.30  
**GENMARKS**

ROOM 2

### **Rapid multiplex respiratory testing: A deeper look into the experience of ePlex Respiratory Pathogen Panel in different populations**

13.45-14.45  
**HOLOGIC**

AUDITORIUM

### **Clinical Accuracy and Evolution of Automation in Molecular Diagnostics for Viral Testing**

Chair: Guido Antonelli

Implementation and performance of Aptima® viral load assays in routine clinical diagnostics

Mark Hopkins

Evolution in the molecular diagnostics laboratory  
- Opening new possibilities by combining different amplification technologies

Andrew Worlock

A New Fully-Automated Approach for Clinical Management and Molecular Diagnosis of Respiratory Viruses

Albert Heim

13.45-14.45  
**BIOMERIEUX**

ROOM 1

### **The Impact of Fast Syndromic Testing on Patient Care**

Welcome Remarks by Chairman  
Christine Ginocchio

Meningitis/encephalitis: implementation of a rapid and fully automated multiplex PCR in routine diagnostic workup

Tiziana Lazzarotto

Surprise: Spectrum of enteropathogens detected by the FilmArray GastroIntestinal Panel when compared with standard methods

Elisabeth Kanitz

The burden of respiratory viruses using a broad range detection assay such as the FilmArray® RP

Benoit Visseaux

Q&A

13.45-14.45  
**VELA**

ROOM 2

### **HIV genotyping and resistance testing using Next-Generation Sequencing**

Advances in automated NGS testing for HIV and HCV genotyping and drug resistance testing

Gerd Michel

Diagnostic performance of the Vela NGS system for HIV resistance genotyping

Stephanie Raymond

Clinical HIV-1 Drug Resistance testing in Ireland: What's Next (Gen)?

Martha Neary

New HIV Genotyping Assay based on Next Generation Sequencing for HIV Drug Resistance Testing

Rolf Kaiser

# WORKSHOP

## 15 September

12.30-13.30

AUDITORIUM**BIOMERIEUX**

**TorqueTenoVirus : A clinically relevant immune status biomarker for immunocompromised patients?**

Sophie Alain

TTV STORY TELLING : FROM ORPHAN VIRUS TO IMMUNE STATUS SURROGATE MARKER

Fabrizio Maggi

TTV DNA LOAD AS A MARKER OF IMMUNE RECONSTITUTION IN ALLO-SCT

David Navarro

TTV, MARKER FOR INFECTION AND REJECTION RISK IN THE LUNG TRANSPLANT RECIPIENTS ?

Elisabeth Puchhammer-Stöckl

12.30-13.30

ROOM 2**DIASORIN**

Chair: Tiziana Lazzarotto

The evolution of molecular testing at ACL augmented by the Diasorin LIAISON MDX

Eva Hrysoudis

13.45-14.45

AUDITORIUM**TECHNOGENETICS**

Highlights on innovative molecular biology assays designed for detection, quantification and genotyping applications in virology

Enzo Boeri

Greet Boland

13.45-14.45

ROOM 1**OXFORD IMMUNOTEC**

New Developments in CMV Immune Monitoring and Preventive Strategies in HCT Recipients

Roy Chemaly

## THE 2017 ESCV AWARDEES

### September 13, 16.30-17.00

#### Gardner lecture:

Antonio Lanzavecchia

Institute for Research in Biomedicine, Università della Svizzera Italiana, Bellinzona, and Institute of Microbiology, ETH Zürich, Switzerland

### September 14, 10.00-10.30

#### Abbott lecture Award:

Hugo Sousa

Portuguese Oncology Institute of Porto, Porto, Portugal

### September 15, 9.00-9.15

#### Heine-Medin Award:

Serena Delbue

Department of Biomedical, Surgical and Dental Sciences, University of Milano, Italy

### September 15, 10.00-10.30

#### BioMeri ux lecture Award:




Albert Heim

Institute of Virology, Hannover Medical School, Hannover, Germany

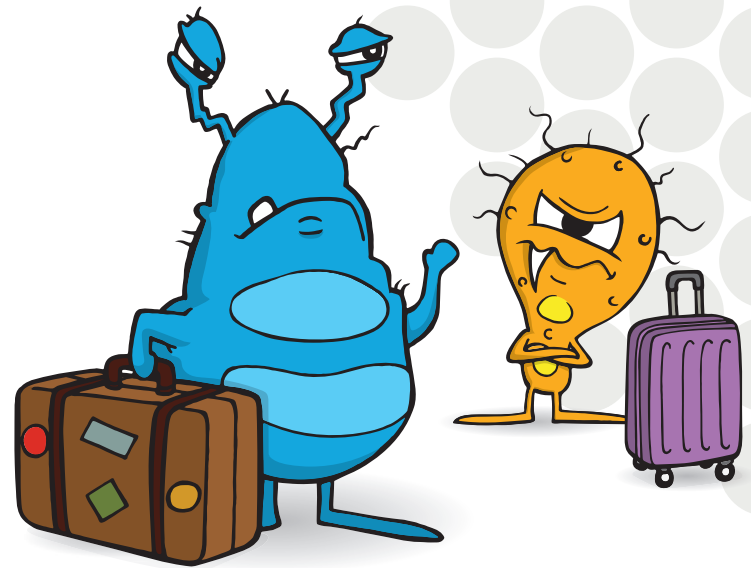
# Shorten their stay with the FilmArray® Respiratory Panel 2 *plus*!

Go from sample to result in *just 45 minutes* which may translate to faster treatment decisions, a reduction of unnecessary prescriptions, better patient management and improved hospital workflow.

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-  Avoid unnecessary antibiotics.

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**Syndromic Testing: The Right Test, The First Time.**  
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<sup>1</sup> Rappo U et al. Impact of Early Detection of Respiratory Viruses by Multiplex PCR Assay on Clinical Outcomes in Adult Patients. J Clin Microbiol. 2016 Aug;54(8):2096-103.

# ARGENE® SOLUTION

ONE STANDARDIZED WORKFLOW FOR TRANSPLANT TESTING

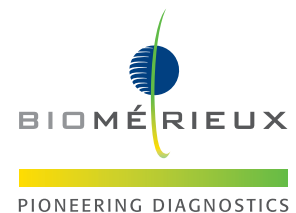


THE POWER OF ONE

Transplant patient care is complicated – patients are at risk for a wide range of viral infections, and various different sample types may be used. The ARGENE® SOLUTION is designed to provide the Power of One to cut down on complication and meet transplant testing needs. Reliable, same-day results support clinicians make better treatment decisions for more successful recoveries for transplant patients.

TO LEARN MORE ABOUT ARGENE® SOLUTION:  
visit our ESCV Booth 04 / 04b

[www.biomerieux.com](http://www.biomerieux.com)



## WEDNESDAY 13th SEPTEMBER

TIME	AUDITORIUM	ROOM 1	ROOM 2
14.30 - 15.00	Opening Ceremony		
15.00 - 16.30	Session: Respiratory viruses		
16.30 - 17.00	Gardner Lecture		
17.00 - 17.30	Coffee Break and Poster Viewing		
17.30 - 19.00	Session: Emerging Viruses		
19.00 - 20.00	ESCV Council Meeting		
20.00	Welcome Reception		

## THURSDAY 14th SEPTEMBER

TIME	AUDITORIUM	ROOM 1	ROOM 2
08.30 - 10.00	Session: Viruses in immunocompromised patients		
10.00 - 10.30	Abbott Lecture Award		
10.30 - 11.00	Coffee break and Poster viewing		
11.00 - 12.30	Session: Hepatitis Viruses		
12.30 - 13.30		Workshop QIAGEN	Workshop GENMARK
13.45 - 14.45	Workshop HOLOGIC	Workshop BIOMERIEUX	Workshop VELA
15.00 - 16.30	Session: HIV and other Retroviruses		
17.00 - 20.00	Tour of the Borromean Islands		



## FRIDAY 15th SEPTEMBER

TIME	AUDITORIUM	ROOM 1	ROOM 2
08.30 - 10.00	Session: Virus-associated tumors		
09.00 - 09.15	Heine Medin Award		
10.00 - 10.30	Biomerieux Lecture Award		
10.30 - 11.00	Coffee break and Poster viewing		
11.00 - 12.30	Session: Immune response to viral infections		
12.30 - 13.30	Workshop BIOMERIEUX		Workshop DIASORIN
13.45 - 14.45	Workshop TECHNOGENETICS	Workshop OXFORD IMMUNOTEC	Establishment of European Non- Polio Enterovirus Network (ENPEN)
15.00 - 16.30	Session: Virus-associated neurologic syndromes		
16.30 - 17.00	Coffee break and Poster viewing		
17.00 - 18.30	Session: Gastrointestinal viruses		
18.30 - 19.30	ESCV General Assambly		
20.30	Social Dinner at Regina Palace		

## SATURDAY 16th SEPTEMBER

TIME	AUDITORIUM	ROOM 1	ROOM 2
	Open Coffee break		
09.30 - 10.55	Session: Viral infections in pregnancy		
11.00 - 12.25	Session: Advancements in diagnosis, monitoring and treatment		
12.30 - 13.00	Closing Ceremony		

# GENERAL INFORMATION



## ORGANIZING SECRETARIAT

MZ Congressi s.r.l.  
Via C. Farini, 81  
20159 Milano, Italy  
Phone: +39 02 66802323  
Fax: +39 02 6686699  
E.mail: info@escv2017.com



## REGISTRATION DESKS

The registration desk, located at the entrance of the Congress Venue, is open as follows:

Wednesday 13 September: 12.00 am - 7.00 pm  
Thursday 14 September: 8.00 am - 5.00 pm  
Friday 15 September: 8.00 am - 7.00 pm  
Saturday 16 September: 9.00 am - 1.00 pm

## Congress Venue

The ESCV 2017 Congress will be held at the STRESA Convention Center, located in one of the most spectacular lake setting in Italy.

STRESA Convention Center  
Piazzale Europa, 3  
28838 Stresa (VB) Italy  
<http://www.stresacc.it>

## 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 Congress Kit Desk near the registration area, upon presentation of the congress-kit ticket provided with your badge.

## HOTEL

For any information please contact:



P.le Carlo Magno 1 - 20149 Milan - Italy  
Tel. +39 02 87255039 - Fax +39 02 43426274  
e-mail: [escv2017.hotel@micodmc.it](mailto:escv2017.hotel@micodmc.it)



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# New Developments in CMV Immune Monitoring *and* Preventive Strategies in HCT Recipients



## LUNCH SYMPOSIUM

Friday, 15 September 2017

13:45 – 14:45

Room 1

## FACULTY:

**Roy F. Chemaly, MD, MPH, FIDSA, FACP**

Professor of Medicine

Director, Infection Control Section

Director of Clinical Virology Research Program

Department of Infectious Diseases, Infection Control  
and Employee Health

University of Texas MD Anderson Cancer Center

Houston, Texas USA

## Agenda

13:45 Welcome and Introductions

13:50 **New Developments in CMV Immune Monitoring and Preventive Strategies in HCT Recipients**

*Roy Chemaly, MD, MPH*

14:30 Question & Answer Session

14:45 Conclusion of Program

## Learning Objectives

Upon conclusion of this program, participants should be able to:

- Recognize the burden and impact of CMV infection after HCT
- Assess the utility of advanced immune monitoring assays to guide medical decision making for patients with or at risk of CMV
- Describe new drugs under development for CMV infection after HCT

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# GENERAL INFORMATION

## SCIENTIFIC SESSIONS AND WORKSHOPS

All Scientific Sessions will take place in Auditorium, Level 0.

Industry Workshops will take place as follows:

### 14 September

12.30 am - 1.30 pm	ROOM 1	Workshop QIAGEN
12.30 am - 1.30 pm	ROOM 2	Workshop GENMARK
1.45 - 2.45 pm	AUDITORIUM	Workshop HOLOGIC
1.45 - 2.45 pm	ROOM 1	Workshop BIOMERIEUX
1.45 - 2.45 pm	ROOM 2	Workshop VELA

### 15 September

12.30 am - 1.30 pm	AUDITORIUM	Workshop BIOMERIEUX
12.30 am - 1.30 pm	ROOM 2	Workshop DIASORIN
1.45 - 2.45 pm	AUDITORIUM	Workshop TECHNOGENETICS
1.45 - 2.45 pm	ROOM 1	Workshop OXFORD IMMUNOTEC

## INDUSTRY EXHIBITION

The exhibition is held in the Congress Venue, Level 0 and Level +1.

Participants are encouraged to visit the industry exhibition, which will be accessible for the duration of the congress.

## CLOAKROOM

A cloakroom will be available for luggages on September 16.

## WI FI

Wi-Fi will be available in the conference area.

## AUDIOVISUAL CENTRE

The audiovisual centre is located on Level 0. Speakers are kindly requested to bring their presentation to the audiovisual centre on a USB drive at least one hour before the presentation is scheduled. Personal laptops cannot be connected to the system.

## COFFEE AND BOX LUNCH POINTS

In the exhibition area, on Level 0 and Level +1, coffee and box lunches are offered to all delegates. Tickets for additional lunch boxes will be available at the registration desk (cost 22,50 Euro).

## CERTIFICATE OF ATTENDANCE

A certificate of attendance will be issued to registered attendees. Certificates of attendance must be picked up at the registration desk just before departure.

## TRANSFER SERVICE

Transfer Service from Stresa Convention Center to Milano Piazza Castello and to Malpensa Airport will be available Saturday, 16 September 2017 at the end of the Congress.

€ 15 per person not included in the registration fees.

## POSTERS

Posters are displayed on Level -1 and Level +1 in the Congress Venue.

Posters are arranged by topic and displayed on three different areas:

POSTER AREA A		LEVEL -1
POSTER AREA B		LEVEL +1
POSTER AREA C		LEVEL +1

Posters are numbered and must be exposed for the duration of the congress.

In order to encourage discussion poster presenting author must be at the assigned poster panel in the following time slots:

Wednesday 13 from 5.00 to 5.30 pm

Thursday 14 from 10.30 to 11.00 am

Friday 15 from 10.30 to 11.00 am and from 4.30 to 5.00 pm

## EACCME Accreditation

The 20th ESCV 2017 Annual Meeting, Stresa, Italy, 13/09/2017-16/09/2017 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **15 European CME credits** (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

To receive the Certificate and get the Credits you are kindly asked to go to the Registration Desk at the beginning of the Congress, scan your badge for presence, and give back the Learners Feedback Questionnaire duly filled out, at the end (Saturday September 16).

## Good to know...

### Stresa has a lot to offer in the way of attractions.

Both in and around the town, visitors can discover fascinating- and often less crowded-places to visit.

If you are a nature lover you will be able to wander through the zoological park at Villa Pallavicino and meet the many animals that live there, such as wallabies, zebras, monkeys, llamas, fallow deer and goats and much more. Botanists will delight in the fine alpine plant specimens at the Alpinia gardens, and climbing enthusiasts will not want to miss the panoramic view of the lakes and Alps from the summit of Mount Mottarone.

A gentle stroll along the waterfront overlooking the Borromeo Islands is the perfect way to relax in the evenings.



**Climate** Stresa's territory can be divided into four beautiful parts which can be associated with our four seasons. For each season we thought of matching the parts of the territory and suggesting different and exciting activities in order for you to have fun while appreciating our view. During our beautiful Summer breeze, we would like to offer you a lovely tour of the insular part which consists of the three

Borromeo Islands: Isola Bella, Isola Madre and Isola Pescatori.

They are all beautiful and unique in their own way.

The islands of Bella and Madre were transformed into grand, luxurious residences, while the third island, named "dei Pescatori", has been a fishing community for centuries and its community still preserves their traditional way of life.



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Our integrated diagnostic solutions for infectious diseases can help laboratories to confidently achieve greater efficiency in terms of costs, time and effort.

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# ONSITE REGISTRATION

All delegates must register for the congress. Registration fees are as follows:

<b>ON SITE REGISTRATION FEES ESCV 2017</b>	vat included
ESCV Members	550 €
Non ESCV Members	650 €
Students/Research assistants/Trainees	460 €
Retired ESCV Members	300 €

## The Registration Fee includes:

- Entrance to Opening Ceremony, Scientific Sessions, Industry-sponsored workshops, Posters sessions and Exhibition
- Possibility to submit abstracts
- Welcome Reception on the first evening
- Coffee and tea service
- Box Lunches
- Certificate of attendance

Note: Registration in the STUDENT category is only open to people able to provide a valid official certificate.

**SOCIAL PROGRAMME TICKETS** not included in the registration fees.

It will be possible to buy your tickets at the Social Event's Desk.

### Tour of the Borromean Islands (Isola Pescatori and Isola Bella)

Thursday, 14 September 2017

Delegates **€ 30** per person (vat included)  
Accompanying persons and exhibitors **€ 45**  
per person (vat included)

### Social Dinner

Friday, 15 September 2017

Regina Palace Hotel - Corso Umberto I n. 29  
Stresa

Reduced fee **€ 50** per person (vat included)

If you have already booked your tickets, through the online registration system, you will find them inside your congress badge. Please present the tickets on the boat and at the entrance of the Regina Palace Hotel.

**TRANSFER SERVICE** not included in the registration fees.

### Transfer Service from Stresa Convention Center to Milano Piazza Castello

Saturday, 16 September 2017 at the end of the Congress

**€ 15** per person (vat included)

### Transfer Service from Stresa Convention Center to Malpensa Airport

Saturday, 16 September 2017 at the end of the Congress

**€ 15** per person (vat included)

If you have already booked your tickets, through the online registration system, you will find them inside your congress badge. Please present the tickets to the staff on the bus.

## REMITTANCE

On-site registrations, and Tickets, may be paid only by credit card or cash. Cheques will not be accepted.

# SOCIAL PROGRAMME



## WELCOME RECEPTION

**Wednesday, 13 September 2017**

**Time: 8.00 pm**

**Place: Congress Venue**  
STRESA Convention Center

The Welcome Reception is included in the registration fees. The Organising Committee and the ESCV have the pleasure to invite you to attend the Welcome Reception.

## DISCOVERING THE BORROMEAN ISLANDS

**Thursday, 14 September 2017**

**Time: 5.00 - 8.00 pm**

**Place: Tour of the Borromean Islands (Isola Pescatori and Isola Bella)**

Fee: not included in the registration fee

Delegates Euro 30 per person (vat included)

Accompanying persons and exhibitors Euro 45 per person (vat included)

Including:

Boat cruise from/to Stresa with private motorboat in the Borromean Gulf Isola Madre – Isola Pescatori with stop - Isola Bella with stop dedicated English speaking guide

### Programme:

- 5.00 p.m. Participants and English speaking guides meet in front of Stresa Convention Center. 1st group of 35 pax and 1 guide will walk to the jetty, followed by 2nd group and so on.
- 5.15 p.m. All guests are on board. On board possibility to buy entrance tickets to Palace and Gardens of Isola Bella to avoid queue at the Palace's ticket office (cash required). Guide will accompany guests inside the Palace and Gardens for a guided tour
- 5.30 p.m. Last entrance to Palace and Gardens of Isola Bella – front door closes. For those who do not want to visit the Palace, 1 hour free time on the Island
- 6.30 p.m. Boat transfer to Isola Pescatori
- 6.35 p.m. Guided tour of Isola Pescatori – 30/45 minutes walk
- 7.15 p.m. Boat transfer and cruise in the Borromean Gulf, in front of Isola Madre
- 7.50 p.m. Arrival in Stresa
- 8.00 p.m. Guide accompany participants back at Stresa Convention Center and leave

**Palace and Gardens of Isola Bella TICKET PRICE**

€ 16,00 adults

€ 8,50 children from 6 to 15 years of age.

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# SOCIAL PROGRAMME

## SOCIAL DINNER

**Friday, 15 September 2017**

Time: starting from 8.30 pm

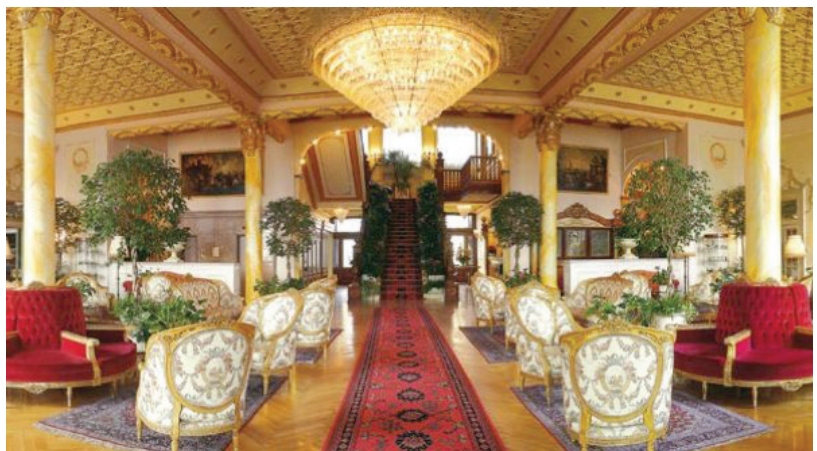
Place: Regina Palace Hotel  
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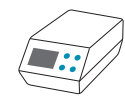
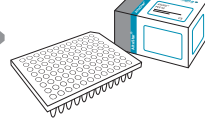
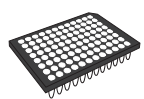
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Friday  
12:30

WORKFLOW

LIMS WORKLIST	
ID	assay A <input checked="" type="checkbox"/>
	assay B <input checked="" type="checkbox"/>
	assay C <input checked="" type="checkbox"/>



CFX96™ DW



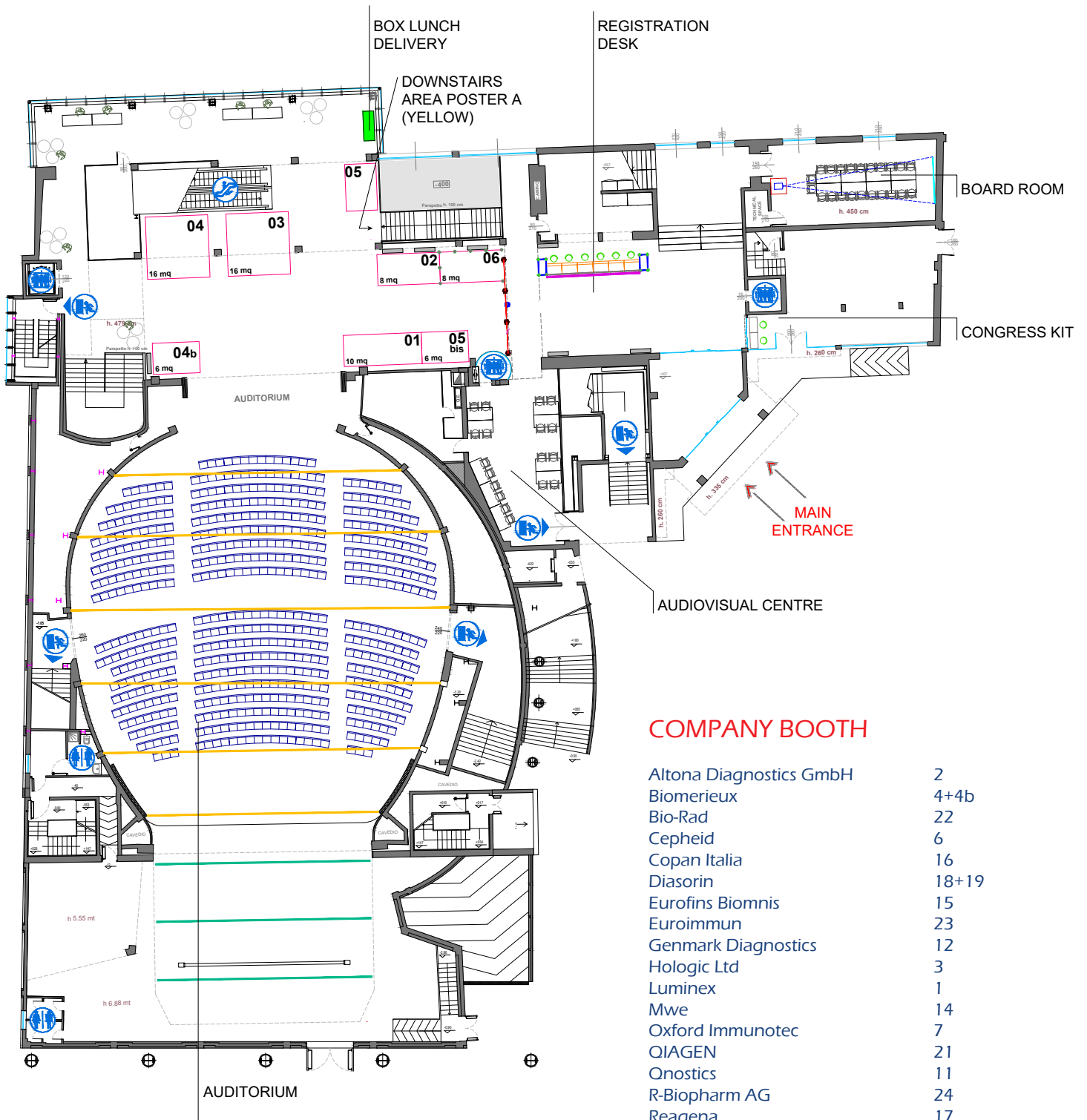
AM16 Sample Preparation

PCR Setup

Cycler PCR

Analysis

# MAP LEVEL 0





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\* Vela's SQ HIV Genotyping Assay is pending regulatory approval.

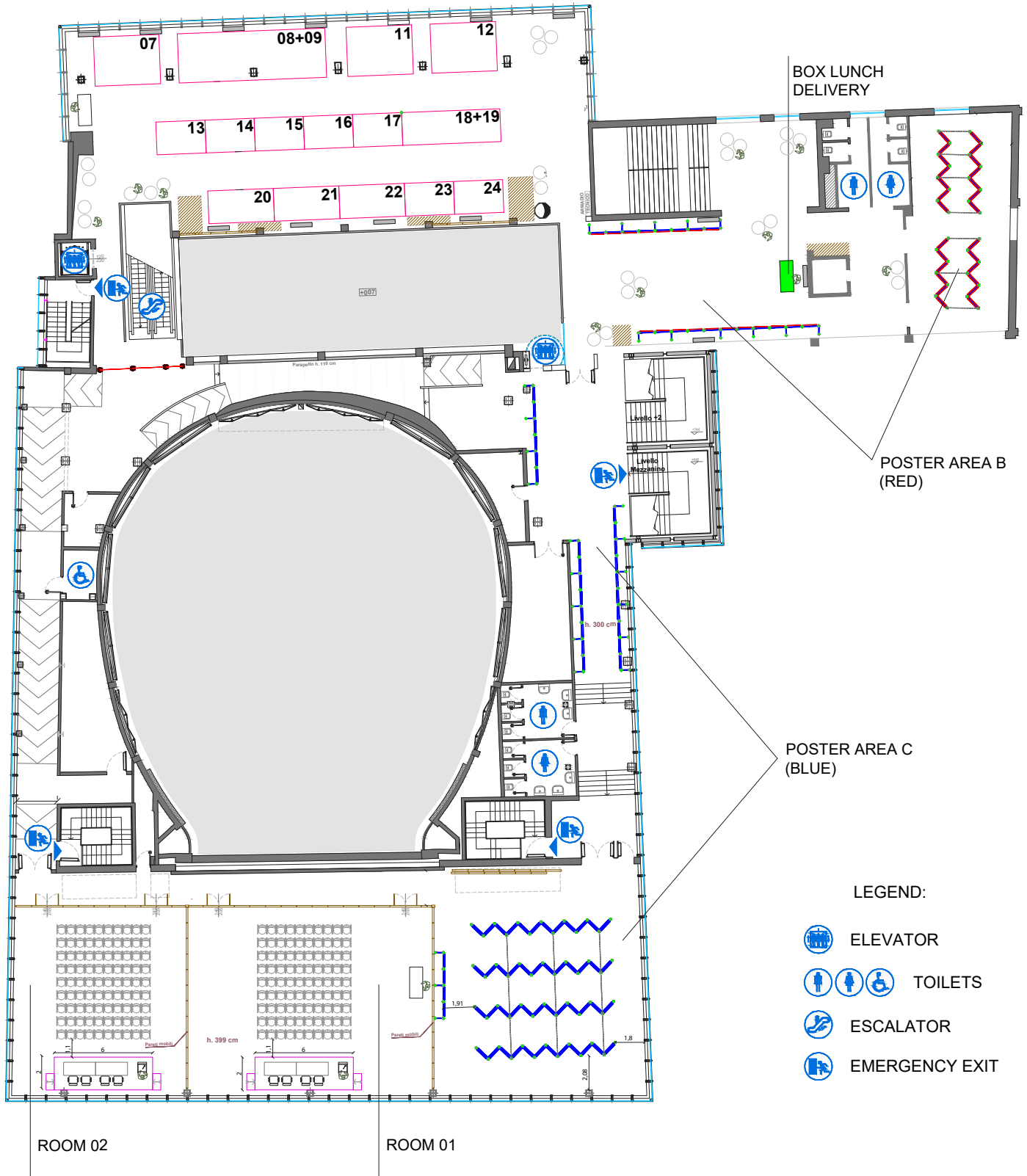
### Vela Diagnostics Germany GmbH

Albert-Einstein-Ring 15  
22761 Hamburg  
Germany  
T: +49 40 890 662233  
F: +49 40 890 662299  
E: [info@veladx.com](mailto:info@veladx.com)





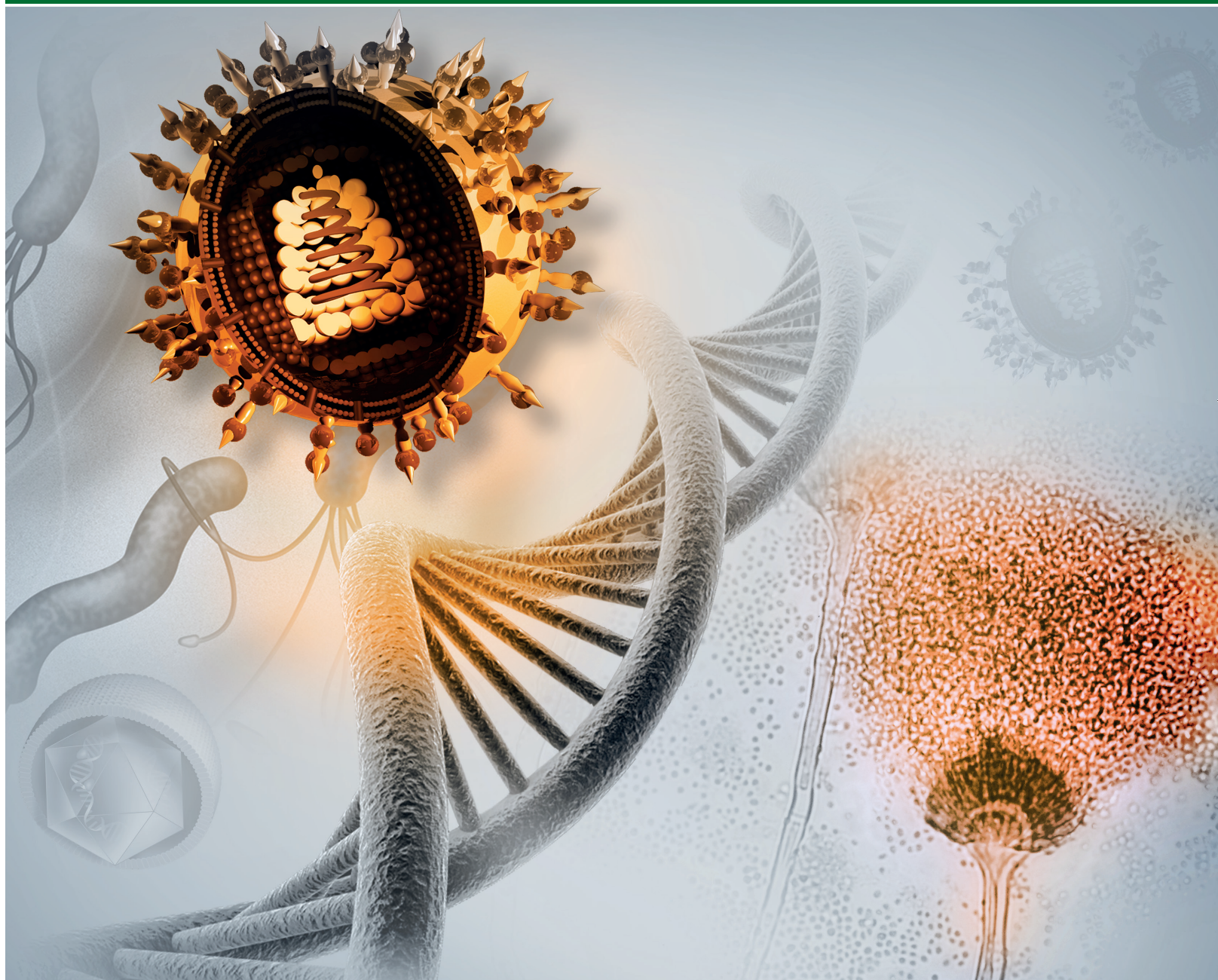
# MAP LEVEL +1





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- Visit our lunch symposium September 14th, 12:30–1:30, in Room 01, Level 1 to learn about exciting developments in transplant patient management

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Sample to Insight



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The Editors of Intervirology invite the submission of manuscripts on a wide range of topics in fundamental and medical virology. The journal's scope encompasses work on the molecular biology of human and animal viruses, including genome organization and regulation, and the structure and function of viral proteins. The pathogenesis, immunology, diagnosis, epidemiology, prophylaxis and therapy of viral diseases are also considered. The journal regularly publishes thematic issues often including timely review articles and field research reports on controversial topics. It aims to be easily accessible to both specialists in the field and to those who want to keep track of the latest developments outside their own area of interest.

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