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23-26 SEPTEMBER - ZAPPEION MEGARON

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Welcome Message

Dear Colleagues and friends,

It is our great pleasure to invite you to the **21**st **ESCV Annual Meeting** which will be held in Athens, 23-26 September, 2018.

The ESCV Annual Meeting has been a major event for the Clinical Virology scientific community and it is becoming more popular, comprehensive, innovative and influential, while maintaining high standards of scientific quality and a family atmosphere. The 21st ESCV Annual Meeting is promising to be an exciting event, covering all timely topics of Clinical Virology, enabling delegates to exchange knowledge with world's leading experts, network with colleagues and discuss the latest advances on "traditional" and emerging viruses.

The ESCV 2018 Scientific Committee is preparing a new inspiring Programme for this event. The Conference will include all of its "classical" features, such as keynote lectures, oral presentations, poster sessions and awards to outstanding clinical virologists. Furthermore, state-of-the-art diagnostic applications on Clinical Virology from leading companies are expected to be presented in industry-sponsored symposia.

Athens, as the host city for the 21st ESCV Annual Meeting is an excellent choice since it combines natural beauty, cultural wealth and an array of up-to-date infrastructures that not only guarantee organizational efficiency, but also promise a highly refreshing and pleasurable experience for all participants. Furthermore, Athens is a symbolic city with fundamental contribution in science, philosophy and arts, recognized as the birthplace of the Western civilization and Democracy. Situated in the very heart of Athens, the Congress venue itself, the Zappeion Megaron, is a "living" testament of Greece's long and diverse modern history.

The Local Organizing Committee is fully motivated and will make every possible effort to offer an unforgettable experience for all ESCV 2018 participants, this time with a specific Greek flavour.

We look forward to welcoming you in Athens in September 2018, eager to exchange views on our field and ready to enjoy the marvelous late summer overlooking the Aegean coastline.



George SourvinosConference Chair



Javier Buesa *ESCV President*

J. Snef-



Programme at a Glance

| | 12.00 - 13.00 | Pre-Conference Industry-Sponsored Symposium (in Greek language) |
|---|---------------|---|
| | 13.55 - 14.00 | Welcome Notes, Chair of 21st ESCV AM |
| | 14.00 - 15.30 | Session 1: Respiratory Viruses |
| ∞ | | Keynote Lecture |
| 01 | | Oral presentations (O01-O06) |
| ۲. | | Heine - Medin Award |
| Sunday 23 rd September 2018 | 15.30 - 16.00 | Coffee Break |
| | 16.00 - 17.30 | Session 2: Viruses in the immunosuppressed host |
| | | Keynote Lecture |
| ص آ | | Oral presentations (O07-O12) |
| 7 | 17.30 - 18.45 | Session 3: Prevention / Vaccines |
| a | | Keynote Lecture |
| Pu | | Oral presentations (O13-O15) |
| Su | 18.45 - 19.45 | Industry-Sponsored Symposium |
| | 19.45 - 20.45 | Opening Ceremony - Welcome Addresses |
| | | Opening Lecture: Prof. Harald zur Hausen (Nobel Laureate) |
| | | |
| | 20.45 | Welcome reception |

| | 08.30 - 09.30 | Industry-Sponsored Symposium |
|--|---------------|---|
| | 09.30 - 10.30 | Session 4: Viral Pathogenesis and Immune Responses Keynote Lecture Oral Presentations (O16-O18) |
| | 10.30 - 11.00 | Coffee Break |
| Monday 24 th September 2018 | 11.00 - 12.30 | Session 5: Emerging Viruses Gardner Lectureship Oral Presentations (O19-O22) |
| | 12.30 - 14.00 | Lunch ESCV Council Meeting (including lunch) |
| | 14.00 - 15.00 | Industry-Sponsored Symposium |
| | 15.00 - 16.00 | Industry-Sponsored Symposium |
| | 16.00 - 17.30 | Session 6: Hepatitis Viruses Keynote Lecture Oral Presentations (O23-O26) |
| | 17.30 - 18.00 | Coffee Break |
| | 18.00 - 19.30 | Session 7: Congenital & Neonatal Viral Infections Keynote Lecture Oral Presentations (O27-O30) |
| | 19.30 - 21.00 | Poster Session (P001-P158) |



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Programme at a Glance



| | 08.30 - 09.30 | Industry-Sponsored Symposium |
|--|---------------|---|
| | 09.30 - 10.30 | Session 8: Diagnostic Advances in Clinical Virology I / Point-of-Care Diagnostics |
| | | Industry Lecture Award |
| | | Oral Presentations (O31-O33) |
| | 10.30 - 11.00 | Coffee Break |
| _ | 11.00 - 12.30 | Session 9: Viral Gastroenteritis / CNS infections |
| 718 | | Keynote Lecture |
| , 2(| | Oral Presentations (O34-O37) |
| ber | 12.30 - 13.30 | Lunch - Poster Session (P159-P318) |
| em | | ENPEN Meeting |
| Tuesday 25 th September 2018 | 13.30 - 14.30 | Industry-Sponsored Symposium |
| | 14.30 - 15.30 | Industry-Sponsored Symposium |
| > | 15.30 - 16.40 | Session 10: HIV / Sexually transmitted viral infections |
| da | | Keynote Lecture |
| les | | Oral Presentations (O38-O40) |
| 루 | 16.40 - 17.05 | Coffee Break |
| | 17.05 - 18.15 | Session 11: Diagnostic Advances in Clinical Virology II / Clinical Metagenomics |
| | | Keynote Lecture |
| | | Oral Presentations (O41-O43) |
| | 18.15 - 18.35 | ESCV General Assembly |
| | 18.40 | Departure for the Greek Night Dinner |

| ω | 08.30 - 09.30 | Industry-Sponsored Symposium |
|---|---------------|---|
| 201 | 09.30 - 11.00 | Session 12: Viral Oncogenesis |
| . 26th September 2018 | | Keynote Lecture |
| | | Oral Presentations (O44-O47) |
| | 11.00 - 11.30 | Coffee Break |
| | 11.30 - 12.00 | Industry Lecture Award |
| day | 12.00 - 13.30 | Session 13: Clinical Syndromes |
| nes | | Keynote Lecture |
| Wednesday | | Oral Presentations (O48-O51) |
| > | 13.30 - 14.00 | Closing Remarks - Hand over (Presentation of 22 nd ESCV meeting) |



Scientific Programme

12.00 - 13.00 Pre-Conference Industry-Sponsored Symposium (in Greek language)

13.55 - 14.00 **Welcome Address**

Chair of the 21st ESCV Annual Meeting

14.00 - 15.30 **Session 1**

Respiratory Viruses

Chair: Maria São José Nascimento, Ron Fouchier

14.00 - 14.30 **Keynote Lecture**

Respiratory viruses: progress and gaps Laurent Kaiser (Switzerland)

14.30 - 15.30 Oral Presentations

O01 Influenza B virus of the Yamagata-lineage was the cause of an epidemic 2017/18 influenza season in Denmark

R. Trebbien

Statens Serum Institut, Denmark

Spanish enteroviruses surveillance in respiratory infections and molecular epidemiology of EV-D68, 2014-2018

R. González

Instituto de Salud Carlos III, Spain

Molecular characterization of Influenza strains circulated in patients admitted to ICU during the 2017-18 season in Italy

A. Piralla

Fondazione IRCCS Policlinico San Matteo, Italy

O04 Dual-RNAseq enables full genome assembly of measles virus, minority-variant detection and host-pathogen interactions delineation

T. Karamitros

Hellenic Pasteur Institute, Greece

O05 Detailed analysis of influenza B virus infections diagnosed at the Leipzig University Hospital during three consecutive years

M. Hönemann

Leipzig University and University Hospital, Germany

Heine-Medin Award O06 Optimization and collection efficiency of different air-samplers to collect infectious aerosolized respiratory viruses from the air

S. Herfst

Erasmus MC, The Netherlands

15.30 - 16.00 Coffee Break

16.00 - 17.30 **Session 2**

Viruses in the immunosuppressed host

Chair: Elisabeth Puchhammer-Stöckl, Fausto Baldanti

16.00 - 16.30 **Keynote Lecture**

New vaccines and antiviral drugs for CMV Paul Griffiths (UK)

16.30 - 17.30 Oral Presentations

O07 Plasma levels of Torque Teno Virus in HIV-1 infected patients at diagnosis of infection and after one year under treatment

C. Pronier

CHU Pontchaillou & IRSET - INSERM UMR 1085 - University of Rennes 1, France

Metagenomic virus sequencing of living donor-recipient kidney transplant pairs reveals JC Polyomavirus transmission V. Kufner

University of Zurich, Switzerland





O09 NKG2C Deletion is a Risk Factor for Human Cytomegalovirus-Viremia and Disease after Lung Transplantation

H. Vietzen

Medical University of Vienna, Austria

O10 Pretransplantation BK polyomavirus genotyping by a Luminex immunoassay in donor-recipient pairs shows that infection after kidney transplantation is of donor origin M.C.W. Feltkamp

Leiden University Medical Center, The Netherlands

O11 Single measurements of TTV as a marker of long-term immunosuppression in renal transplantation patients E. Gore

University of Groningen, The Netherlands

O12 Cytomegalovirus (CMV)-Specific Polyfunctional T-Cell Responses after Liver Transplantation (LT) quantified by Intracelular Cytokine Staining (ICS)

F.X. López-Labrador

Conselleria de Sanitat & Instituto De Salud Carlos III, Spain

17.30 - 18.45 **Session 3**

Prevention / Vaccines

Chair: Peter Coyle, Athanasios Tsakris

17.30 - 18.00 **Keynote Lecture**

Vaccination - challenges in realizing their potential Mike Catchpole (ECDC)

18.00 - 18.45 Oral Presentations

O13 Persistent systemic rotavirus vaccine infection in a child with X-linked SCID T. Yoshikawa

Fujita Health University, Japan

O14 Antiviral activity of Brincidofovir against Parvovirus B19

G. Gallinella

University of Bologna, Italy

O15 Measles virus genotyping reveals two importations events during the measles outbreak (2017-8) in Greece.

E. Horefti

Hellenic Pasteur Institute, Greece

18.45 - 19.45 Industry-Sponsored Symposium

19.45 - 20.45 Opening Ceremony - Welcome Addresses

Prof. George Sourvinos, Chair of the 21st ESCV Annual Meeting

Prof. Javier Buesa, President of ESCV

Mrs Maria Stratigaki, Vice Mayor of the City of Athens

Mrs Elena Kountoura, Minister of Tourism

Opening Lecture

Prof. Harald zur Hausen (Nobel Laureate)

Prevention of Cancer: the Perspective of Identifications

of Cancer-Linked Infections

20.45 Welcome Reception





Scientific Programme

| 08.30 - 09.30 | Industry-Sponsored Symposium |
|---------------|---|
| 09.30 - 10.30 | Session 4 Viral Pathogenesis and Immune Responses |
| | Chair: Hans Hirsch, Mariet Feltkamp |
| 09.30 - 10.00 | Keynote Lecture |
| | Using novel viruses and proteomics to understand the interaction between HCMV and the immune system Richard Stanton (UK) |
| 10.00 - 10.30 | Oral Presentations |
| | Determining the mechanism of transport and excretion of Epstein-Barr virus encoded small RNAs from infected cells G. Khan United Arab Emirates University, United Arab Emirates D17 Identification of an NK inhibitory function by an HCMV protein of the RL11 family V.M. Vlachava Cardiff University, United Kingdom D18 Effect of viral genetic variability in Hepatitis C virus pathogenesis I. Karakasiliotis Democritus University of Thrace, Hellenic Pasteur Institute, Greece |
| 10.30 - 11.00 | Coffee Break |
| 11.00 - 12.30 | Session 5 Emerging Viruses |
| | Chair: Marcus Panning, Heli Harvala |
| 11.00 - 11.30 | Gardner Lectureship Emerging arboviruses in the Mediterranean region Anna Papa (Greece) |
| 11.30 - 12.30 | Oral Presentations |
| | Cutavirus DNA in skin of cutaneous T-cell lymphoma and organ transplant patients but not in healthy adults M. Söderlund-Venermo University of Helsinki, Finland Development of ex-vivo ELISpot assay for the evaluation of DENV-specific T-cell response I. Cassaniti Fondazione IRCCS Policlinico San Matteo, Italy Diseases transmitted by Aedes spp. mosquitoes - Urgent prevention and response measures in Greece A. Vakali Hellenic Center for Disease Control and Prevention, Greece Severe encephalitis caused by mammalian 1 bornavirus K. Korn |
| 12.30 - 14.00 | Universitätsklinikum Erlangen, Germany |
| 12.30 - 14.00 | ESCV Council Meeting (including lunch) |
| 14.00 - 15.00 | Industry-Sponsored Symposium |
| | Industry-Sponsored Symposium |
| 16.00 - 17.30 | |

Chair: Anne-Marie Roque-Afonso, Susanne Gjeruldsen Dudman

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ATHEN $\Sigma \oslash 2018$

Scientific Programme



HEV infection in Europe Jacques Izopet (France)

16.30 - 17.30 Oral Presentations

Prevelance of Occult Hepatitis B infection in chronic hepatitis C and Cryptogenic hepatitis Patients

B. Çakal

Istanbul University, Turkey

O24 Evaluation of the detection and quantification of HBV RNA in serum as a potential biomarker in HBeAg-negative chronic hepatitis B virus (HBV) infection

E. Hadziyannis

National and Kapodistrian University of Athens, Greece

O25 Hepatitis E infection in solid organ transplant recipients in Turkey A.A. Sayiner

Dokuz Eylul University, Turkey

O26 Hepatitis E infection as a secondary condition in hepatitis C patients and as a possible risk factor in the development of hepatocellular carcinoma C. Crossan

Glasgow Caledonian Unversity, UK

17.30 - 18.00 **Coffee Break**

18.00 - 19.30 **Session 7**

Congenital & Neonatal Viral Infections

Chair: Pamela Vallely, Andreas Mentis

18.00 - 18.30 **Keynote Lecture**

New Aspects in prenatal and postnatal CMV infection Klaus Hamprecht (Germany)

18.30 - 19.30 **Oral Presentations**

O27 Functional impairment of CMV-reactive cellular immunity during pregnancy

. L. Deml

Lophius Biosciences GmbH, Germany

O28 Prolonged Parvovirus B19 DNAemia in pregnant women: Prevalence, comprehensive serological analysis and fetal complication risk

L. Weseslindtner

Medical University of Vienna, Austria

O29 Cytomegalovirus DNAemia in Pregnant Women with High IgG Avidity Index; is it a Valuable Tool for Diagnosing Nonprimary Infections?

I. Karageorgou

Hellenic Pasteur Institute, Greece

O30 Clinical, neuroimaging and audiological findings in young infants with congenital cytomegalovirus infection referred at neonatal hearing screening.

A. Vossen

Leiden University Medical Center, The Netherlands

19.30 - 21.00 **Poster Session (P001-P158)**





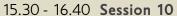
Scientific Programme

14.30 - 15.30 Industry-Sponsored Symposium

| 08.30 - 09.30 | Industry-Sponsored Symposium |
|---------------|--|
| 09.30 - 10.30 | Session 8 Diagnostic Advances in Clinical Virology I / Point-of-Care Diagnostics Chair: Annemiek van der Eijk, Nikos Spanakis |
| 09 30 - 10 00 | Industry Lecture Award |
| 07.30 10.00 | The virology lab of the future: Impact of Point of Care diagnostics Eric Claas (The Netherlands) |
| 10.00 - 10.30 | Oral Presentations |
| | Rapid influenza A/B and RSV testing to improve outbreak management in long-term and acute care facilities C. Lowe Providence Health Care & University of British Columbia, Canada |
| | O32 Interpretation software: is there an added value for users of in-house multiplex real time PCR based diagnostics? K. Dierickx OLVZ Aalst, Belgium |
| | Evaluation of Panther Fusion® Respiratory kit in a hospitalized population M. Pichon |
| 10 20 11 00 | Infectious Agents Institute & National Reference Center for Respiratory Viruses, France |
| | Coffee Break |
| 11.00 - 12.30 | Session 9 Viral Gastroenteritis / CNS infections |
| | Chair: Javier Buesa, Alexandra Valsamakis |
| 11.00 - 11.30 | Keynote Lecture |
| | Taking gastro-surveillance into 21 st century Thea Kølsen Fischer (Denmark) |
| 11.30 - 12.30 | Oral Presentations |
| | Etiology of Gastrointestinal Pathogens Causing Acute Gastroenteritis in Children from Kansas City, USA, 2011 to 2016 R. Selvarangan Children's Mercy & University of Missouri-SOM, USA |
| | High viral shedding in hospitalized patients infected with emerging recombinant norovirus GII.P16-GII.2 S.K.C. Cheung The Chinese University of Hong Kong, China |
| | O36 Genetic diversity of noroviruses circulating in longitudinal birth cohorts in low-resource countries J. Vinjé CDC, USA |
| | O37 Emergence of rotavirus G12 in a neonatal intensive care unit in Ankara A. Altay-Kocak Baskent University, Turkey |
| 12.30 - 13.30 | Lunch - Poster Session (P159-P318) |
| | European Network for Non-Polio Enteroviruses (ENPEN) Update to the collaborative activities |
| | Heli Harvala and Thea Kølsen Fischer |
| 13.30 - 14.30 | Industry-Sponsored Symposium |



Scientific Programme



HIV / Sexually transmitted viral infections

Chair: Svein Arne Nordbø, Elizaveta Padalko

15.30 - 15.55 **Keynote Lecture**

Human Antibodies in the treatment of viral infections Florian Klein (Germany)

15.55 - 16.40 Oral Presentations

O38 How can next generation sequencing improve the surveillance of transmitted antiretroviral resistance?

J. Fonager

Statens Serum Institut, Denmark

O39 Adenosine causes read-through into the late region of the HPV16 genome in a guanosine-dependent manner

H. Yu

Lund University, Sweden

"All-in-One" HIV-1 pol-PCR and Next-Generation-Sequencing for the analysis of drug resistant HIV-1 pol quasispecies

Heinrich-Heine University, Germany

16.40 - 17.05 **Coffee Break**

17.05 - 18.15 **Session 11**

Diagnostic Advances in Clinical Virology II / Clinical Metagenomics

Chair: Hubert Niesters, Randall Hayden

17.05 - 17.30 **Keynote Lecture**

Metagenomics for pathogen detection in encephalitis ludith Breuer (UK)

17.30 - 18.15 **Oral Presentations**

Genotyping of enterovirus and adenovirus using next generation amplicon sequencing discloses frequent infections with two virus strains in children from the Norwegian MIDIA study

O. Cinek

Charles University, Czech Republic

O42 Results from metagenomic sequencing of clinical samples during 2016-2018

M. Lind Karlberg

Public Health Agency of Sweden, Sweden

O43 Implementing Next Generation Sequencing to Enhance Virological Surveillance of Influenza during the 2017/18 Season in Wales

Wales Specialist Virology Centre, United Kingdom

18.15 - 18.35 ESCV General Assembly

18.40 Departure for the Greek Night Dinner





Scientific Programme

| 08.30 - 09.30 | Industry Sponsored Symposium |
|---------------|--|
| 09.30 - 11.00 | Session 12 Viral Oncogenesis |
| | Chair: Paul Klapper, Paulo Paixão |
| 09.30 - 10.00 | Keynote Lecture |
| | From HPV infection to carcinoma Stina Syrjänen (Finland) |
| 10.00 - 11.00 | Oral Presentations |
| | Searching HPV genome for methylation sites involved in molecular progression to cervical precancer. Results from E6, E7 and UTR genes C. Kottaridi National and Kapodistrian University of Athens, Greece Human endogenous retroviruses are overexpressed and demethylated |
| | in right colon cancer tissue, and packaged in plasma extracellular vesicles of colon cancer patients M. Dolci University of Milan, Italy |
| | Molecular characterization of human papilloma virus isolates from head and neck squamous cell carcinoma R. Dhodapkar Jawaharlal Institute of Postgraduate Medical Education and Research, India |

O47 Analysis of Human Papillomavirus (HPV) 16 E6, E7 genes and Long

Control Region in cervical samples of Italian women

11.00 - 11.30 Coffee Break

11.30 - 12.00 Industry Lecture Award

Evolution of influenza viruses E. Pariani

M. Martinelli

12.00 - 13.30 **Session 13**

Clinical Syndromes

Chair: Louis Kroes, Giorgio Gallinella

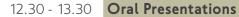
University of Milano-Bicocca, Italy

12.00 - 12.30 **Keynote Lecture**

Comprehensive testing for respiratory infections - making a difference to patient pathway Kate Templeton (UK)



Scientific Programme



O48 Frequency and clinical characteristics of Epstein-Barr virus (EBV), cytomegalovirus (CMV), human herpesvirus-6A (HHV-6A), HHV-6B, HHV-7 infections in children visiting emergency room (ER) F. Hattori

Fujita Health University School, Japan

O49 Fat embolism syndrome in sickle cell disease in association with acute parvovirus B19 infection

T. Lampejo

Guy's and St Thomas' NHS Foundation Trust, UK

O50 Evaluating biochemical signatures of viral infections in the central nervous system

A. Bosworth

Public Health England, Birmingham Heartlands Hospital, UK

O51 Detection of Parvovirus B19 DNA in Blood of Patients with Dilated Cardiomyopathy Not Compatible with Active or Recent Viral Infection

A. Russcher

Leiden University Medical Center, The Netherlands

13.30 - 14.00 Closing Remarks - Hand Over

(Presentation of the 22nd ESCV Meeting)





- P001 In vitro inhibitory effect of pomegranate (punica granatum L.) peel extract and the correspond fractions on influenza virus replication Withdrawn by the author
- P002 Point of care testing for the detection of influenza viruses: does speed compromise analytical performance?
 B. Vanmassenhove*, A. Hervent, L. Persijn, L. Vynckier, G. Alliet (Oostende, Belgium)
- P003 Fifteen years of evolution of human respiratory syncytial virus subgroup A in Normandy, France.

 J. Moriceau, A. Vabret, J. Dina* (Caen, France)
- P004 The Sigma-Virocult® specimen collection system is highly compatible with molecular syndromic panel-based testing of respiratory pathogens

E. Xenaki*, A. Dermitzaki, N. Malliarakis, M. Stamataki, M. Ergazaki, G. Sourvinos (Heraklion, Greece)

- P005 Influenza activity in Izmir, Turkey, October 1, 2017-February 20, 2018 C. Cicek, M. Kayin, O. Altun Koroglu, E.U. Saz, F. Bacakoglu, H. Pullukcu, A. Zeytinoglu* (Izmir, Turkey)
- P006 Adenoviral Respiratory Infections in Singapore
 C.C. Wong* (Singapore, Singapore), T.T. Nguyen, K.K. Coleman, A.W.L. Wong, S.C. Ang, P.K. Kian, T.K. Cheng, K.P. Chan, G.C. Gray, J.G. Low
- P007 Epidemiological and molecular investigation of non-seasonal influenza-related viral respiratory infections in Northern Italy during four consecutive influenza seasons (2014-2018)

 C. Galli*, L. Pellegrinelli, G. Anselmi, V.
- P008 Respiratory syncytial virus surveillance in the Czech Republic: present and future

Primache, S. Binda, E. Pariani (Milan, Italy)

L. Novakova*, H. Jirincova, D.Trnka, R. Limberkova, J. Kyncl, A. Nagy, M. Havlickova (Prague, Czech Republic)

- P009 Phylogenetic characterization of human rhinoviruses from infants in Sarlahi, Nepal
 J. Kuypers* (Seattle, WA, USA), G. A. Perchetti, H. Y. Chu, A. S. Magaret, J. Katz, S. K. Khatry, S. C. LeClerq, K. R. Jerome, J. M. Tielsch, M. C. Steinhoff, J. A. Englund
- P010 Detection and Characterisation of Measles Virus in Ireland 2017/2018
 Tuite G.*, Neary M., Cotter S., Ronayne A., De Gascun CF., Connell J. (Dublin, Ireland)
- P011 Epidemiology of WUPyV among

- hospitalized children with respiratory tract infections in Beijing, China L.S. Zheng* (Beijing, China)
- P012 Classifying viral respiratory infections through human transcriptome analysis on a rapid, easy-to-use, molecular platform

 R. J. Crisp* (Salt Lake City, UT, USA), C. Gritzen, T. Wilson, J. Nawrocki, M. Deneris, C. L. Baird, E. M. Ott, J. Jones, J. Bastar, H. Kim, S. House, D. Cohen, A. Leber, A. C. Hemmert
- P013 Presence of respiratory viruses in ICU patients with community acquired-pneumonia (CAP): a one-year retrospective single center study M. Giry, B. Misset, D. Boyer, A. Baron, L. Lemée, J.C. Plantier, M. Gueudin* (Rouen, France)
- P014 Estimating the burden of human coronaviruses during the last 5 seasons at National Influenza Centre Slovenia

 N. Berginc*, K. Prosenc (Maribor, Slovenia)
- P015 Antiviral effect of an essential oil derived from three aromatic plants against viruses causing infections of the upper respiratory system
 M. Tseliou* (Heraklion, Greece), SA. Pirintsos, C. Lionis, E. Castanas, G. Sourvinos
- P016 Unexpected dominance of influenza type B during the 2005/2006 and 2017/2018 epidemic seasons in the Czech Republic

 M. Havlickova, H. Jirincova, D. Trnka*, J. Kyncl, R. Limberkova, L. Novakova, A. Nagy (Prague, Czech Republic)
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P240 Evaluation of commercially available ELISA tests for Chikungunya virus IgM and IgG

S. D'Arcangelo*, D. Bailey, A. Bown, E. Aarons, T. Brooks (Salisbury, UK)

- P241 Feasibility study to demonstrate rapid cartridge-based identification of HPV in oropharyngeal cancer samples
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- P242 Quality Control of Point of Care Testing: Are current QC reagents suitable for use? D. Padley*, F. Phimister, J. Duran (Potters Bar,
- P243 Uncertaintycalc: an R-Based tool to define and calculate uncertainty of quantitative viral molecular tests
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P244 Evaluation of self-sampling for HPV-testing in women with cervical dysplasia

C. Cocuzza*, M. Martinelli, A. Rizzo, G. Brenna, C. Crotti, F. Sina, S. Chiari, M. Adorni, R. Musumeci, F. Landoni (Monza, Italy)

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P245 Evaluation of BD MAX™ Enteric Viral Panel

T.V. Madsen*, X.C. Nielsen (Slagelse, Denmark)

P246 Molecular epidemiology and phylogeography of enterovirus A71 in Thailand, 2008-2017

J. Phuenpa*, C. Auphimai, S. Korkong, S. Vongpunsawad, Y. Poovorawan (Bangkok, Thailand)

P247 Molecular characterization of human enterovirus with aseptic meningitis and encephalitis in childhood

J. Chansaenroj* (Bangkok, Thailand), C. Auphimai, S. Korkong, A. Laohapatcharin, Y. Poovorawan

P248 Identification and genotyping of human rotavirus VP4 and VP7 genes in children with gastroenteritis in Qom, Iran

S. Shams* (Qom, Iran), D. Mousavi Nasab, H. Heydari

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P250 Rotavirus A genotypes in the Czech Republic: Increasing proportion of G8P[8] strains

R. Moutelíková* (Brno, Czech Republic), J. Prodělalová, M. Dvořáková-Heroldová, V. Holá, P. Sauer

P251 Detection of rotavirus A with enzymatic immunoassay and rapid chromatographic test compared with quantitative RT-PCR

J. Prodělalová* (Brno, Czech Republic), R. Moutelíková, M. Dvořáková-Heroldová, V. Holá, P. Sauer

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L. González-Serrano*, M. Muñoz, R. Gonzalez, MF Portero-Azorín, MJ. Amaro, P. Higueras, M. Cabrerizo (Madrid, Spain)

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- P254 Genotyping of rotavirus immunochromatography positive patients by RT-PCR
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C. Lynen*, H. Peltroche, T. Juretzek (Cottbus Germany)

- P259 Occurrence, activity and impact of human parvovirus persistence in diseased and healthy intestinal tissues M. Xu* (Helsinki, Finland), K. Leskinen, V. Groma, Y. Wang, A. Lepistö, K. Hedman, T. Sipponen, P. Saavalainen, and M. Söderlund-Venermo
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P262 Contribution of Enterovirus and Parechovirus in patients hospitalized with neurological impairment in

Northern Italy (2015-2017) L. Pellegrinelli* (Milan, Italy), A. Piralla, C. Galli, F. Giardina, S. Binda, E. Pariani, F. Baldanti

- P263 Genetic diversity of enterovirus in cerebrospinal fluid in Belgium in 2017
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- P264 Gastroenteritis outbreak by two rare Norovirus strains; GI.P2_GI.2 and the recombinant GII.P16_GII.13 strain in a touristic area, Chalkidiki, Northern Greece, August 2015.

K. Tryfinopoulou* (Athens, Greece), M. Kyritsi, K. Mellou, F. Kolokythopoulou, A. Katsiafliaka, M. Potamiti-Komi, A. Lamprou, Th. Georgakopoulou, C. Hadjichristodoulou

- P265 Real-time gastrointestinal disease surveillance through cloud based epidemiology network in the EU, United States, and Latin America
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- P267 Evaluation of the Luminex ARIES® Norovirus assay on fecal samples and swabs.
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- P269 Inhibition of Herpes simplex virus type
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- P270 Pharmacokinetics (PK) and safety of a first in class antiviral (CMX521) for human norovirus in healthy adult subjects

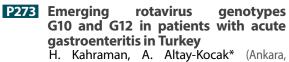
 M. Morrison*, M. Anderson, T. Arumugham, V. Schuck, J. Dunn, and O. Naderer (Durham, NC, USA)
- P271 Emergence of rotavirus G12 in a neonatal intensive care unit in Ankara Transferred to oral presentations
- P272 Epidemiology of enterc viruses in children wth gastroenteritis in Ogun State, Nigeria

 Withdrawn by the author



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P274 High-resolution Cryo-EM of Fablabeled HPeV3 provides mechanistic insights into neutralization and assembly

A. Domańska*, J. W. Flatt, J. J.J. Jukonen, J. A. Geraets, S. J. Butcher (Helsinki, Finland)

P275 Emergence of norovirus GII.2 and novel GII.4 variants in South Greece
M. Lafazani*, N. Siafakas, G, Chronopoulou, S. Pournaras (Athens, Greece)

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K. Malm* (Örebro, Sweden), C. Almgren-Lidman, O. Stromberg, M. Sundqvist, S.Andersson

P280 Performance Evaluation of the Aptima® HIV-1 Quant Dx and Aptima® HBV Quant assays on the fully automated Panther in comparison to COBAS® 6800/8800 HIV-1 and HBV tests

A. Ebel*, C. Bali, L. Guis, S. Merlin (Ivry-Sur-Seine, France)

P281 A laboratory follow-up audit of newly detectable HIV-1 RNA between 20-199 copies/ml

B. Hanumunthadu*, M. Sudhanva (London, UK)



P283 The laboratory diagnosis of HIV infections with PCR and ELISA
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K. Doris, C. Santirso Margaretto*, R. Anderson and N. Almond (Potters Bar, UK)

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H. Muftah*, A. Altay-Kocak, C. Dogu-Tok, K. Hizel, Isil Fidan, G. Bozdayi (Ankara, Turkey)

P286 Timely Plasma Separation Is Crucial to Avoid False Positive Viremia with Cobas HIV-1 Viral Load Assay.
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P287 Serological Results of Other Important Infectious Diseases In Hiv (+) Patients
Withdrawn by the author

P288 Detection of HIV-1 transmitted drug resistance mutations using next generation sequencing compared to Sanger sequencing method
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P289 One year experience in HIV Ag/ab blood donor screening with HIV Combo test (VITROS® Immunodiagnostic products)
B. G. Holmgren*, H. Larsson, C. Bohn Christiansen (Lund, Sweden)

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P306 Advancing molecular analyses of human parechoviruses by use of a novel pan-HPeV long-range RT-PCR for swift amplification of the near-full genome

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P307 Multicentre evaluation of the variability of adenovirus (HAdV) quantification by PCR; establishing the 1st WHO International Standard for HAdV for NAT

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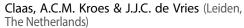
P308 Metagenomics detection and identification of viruses in routine diagnostics: comparison of performance of bioinformatic pipelines

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P310 Metagenomic next-generation sequencing of nasopharyngeal swabs in chronic obstructive pulmonary disease exacerbations

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P311 Viral conjunctivitis surveillance reveals high genotypic diversity among human adenoviruses in Shenzhen, China, from 2014 to 2017 Y. He*, L. Chen (Shenzhen, P.R. China)

P312 Evaluation of Fast Track Diagnostics multiplex real-time quantitative PCR kits on VERSANT® kPCR Molecular System

P. Leidinger-Kaufmann* (Esch-sur-Alzette, Luxembourg), N. Kin, P. Cruz, R. Mei, J. Saikia, M. Steimer

P313 FastFinder™ - faster, easier and standardized analysis for Fast Track Diagnostics' multiplex real-time PCR assays

U. Greffrath* (Esch-sur-Alzette, Luxembourg), S. Medves, L. Chambeau, J. Jacobs, A. Romanillos, K. Notelaers, M. Steimer

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P315 The role of human parvovirus B19 in the pediatric patients with pancytopenia?

M. Colak, A. Altay Kocak* (Ankara, Turkey), Z. Kaya, U. Kocak, I. Yenicesu, G. Bozdayi



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Harald zur Hausen

Nobel Laureate

M.D., D.Sc. (Hon), M.D.s (Hon), Deutsches Krebsforschungszentrum (German Cancer Research Center), Heidelberg, Germany



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Industry Symposia

Sunday 23rd September 2018

12.00 - 13.00 GALENICA - OLVOS SCIENCE

Novel Natural Antiviral Combinations against upper respiratory infections: New Perspectives (in Greek language)

Prof Elias Castanas

Laboratory of Experimental Endocrinology, School of Medicine, University of Crete, Crete,

Prof. Christos Lionis

Director of the Department of Social Medicine, School of Medicine, University of Crete, Crete, Greece

Prof. Stergios Pirintsos

Department of Biology, University of Crete, Heraklion, Crete, Greece, Botanical Garden, University of Crete, Rethymnon, Crete, Greece

Prof. George Sourvinos

Department of Clinical Virology, Medical School, University of Crete - Head, Laboratory of Clinical Virology, University Hospital of Crete, Greece





18.45 - 19.45 **QIAGEN**

Cutting-edge workflows and clinical outcomes in integrated molecular diagnostics

Importance of Ct values in clinical diagnostics: QIAstat-Dx Syndromic Testing vs routine methodology

Prof. Vincent Thibault

Head of Virology Lab, University Hospital of Rennes, France

Rapid and Fully Automated Implementation of LDTs on the NeuMoDx Molecular System

Sundu Brahmasandra

President and COO, NeuMoDx Molecular, USA



Monday 24th eptember 2018

08.30 - 09.30 SIEMENS HEALTHINEERS

Syndromic Multiplex Real-Time PCR: A Comprehensive Solution for Viral Diagnosis and Pathogens Surveillance

Chairman: Prof. George Sourvinos

Department of Clinical Virology, Medical School, University of Crete - Head, Laboratory of Clinical Virology, University Hospital of Crete, Greece

1. Syndromic testing for respiratory tract infections: Why epidemiology matters

Prof. Dr. med. Marcus Panning

Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany

2. Clinical value of multiplex PCR syndromic approach for the diagnosis of acute viral central nervous system infections

Prof. Anna Papa, MD, PhD

Head of the Department of Microbiology, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece





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Industry Symposia



Monday 24th September 2018

14.00 - 15.00 **DIASORIN**

Herpes Simplex Viral Infections: clinical overview and diagnostic implications

1. Herpes Virus Infections: A Clinical Overview Prof. Matteo Bassetti

Infectious Disease Division, Santa Maria della Misericordia University Hospital, Udine, Italy

2. A New Comprehensive Solution for Molecular Detection of Herpes Simplex Virus Infections

Michelle Tabb, PhD

DiaSorin Molecular LLC, Cypress, CA USA

3. Molecular Diagnosis of Viral Meningoencephalitis with the DiaSorin Molecular Simplexa Solution: Experience of the French National Reference Center for Herpesviruses

David Boutolleau, PhD

University Hospital La Pitié-Salpêtrière - Charles Foix, National Reference Centre for Herpesviruses, Virology Department and Sorbonne Universités, Paris, France





15.00 - 16.00 **BIOMÉRIEUX**

Turning innovation into patient care: Benefits of rapid, Syndromic testing

15:00-15:05 Welcome Remarks

Chairman: Prof. Christine Ginocchio

Vice President, Scientific and Medical Affairs, BioFire Diagnostics, a bioMérieux company

15:05-15:25 How rapid pathogen identification impacts care in patients with suspected meningitis / encephalitis

Dr. Matthias Klein

Clinical Neurologist, Ludwig-Maximilians-University Munich, Klinikum Großhadern

15:25-15:40 A LEAN Point-Of-Impact respiratory test at the Emergency Department in a

Tertiary Referral Hospital

Prof. Dr. H.G.M. Niesters, PhD

Director, Laboratory of Clinical Virology, University Medical Center Groningen, The Netherlands

Netherlands

15:40-16:00

BioFire® FilmArray® Respiratory and ME Panels in Clinical Molecular

Diagnostics Laboratory - 8 years of experience

Ass. Prof. Dr. Darja Duh

Head of Laboratory for Clinical Molecular Diagnostics, NLZOH, Maribor







Industry Symposia

Tuesday 25th September 2018

08.30 - 09.30 ABBOTT MOLECULAR

Improving the diagnostic virology test journey - discover how Alinity m can transform your molecular lab

Dr. Michael Palm

Director of Scientific Affairs and Innovation, Abbott Molecular, Chicago, USA

Dr. Jens Dhein

Director Scientific Affairs EMEA, Abbott Molecular, Wiesbaden, Germany



13.30 - 14.30 **VELA DIAGNOSTICS**

1. HIV genotypic resistance testing in clinical practise using the Vela NGS platform

Jacques Izopet, Prof.

Chief of Virology Department, Institut Fédératif de Biologie CHU Toulouse, Toulouse, France

2. Verification of the 1st and 2nd version of the VELA HCV Genotyping NGS Assay

Samir Dervisevic, Dr.

Consultant Virologist, Norfolk and Norwich University Hospital, Great Britain

3. Preliminary Results of the new Sentosa HBV Genotyping and Resistance Assay

Robert Ehret, Dr.

Head Molecularbiologist, Medizinisches Infektiologiezentrum Berlin, Berlin, Germany

4. Clinical performance of a fully automated next-generation sequencing platform for HCV resistance testing

Stéphane Chevaliez, Prof., PhD

Head, Virology Unit CHU Mondor, Deputy Director, French National Reference Center for Viral Hepatitis B, C and delta, Créteil, France



14.30 - 15.30 **ROCHE**

Quantification of CMV and EBV DNA in transplant patients: Challenges and opportunities

Alexandra Valsamakis

MD, PhD, Professor of Pathology, Johns Hopkins University School of Medicine, Director, Molecular Microbiology and Clinical Virology Laboratories, The Johns Hopkins Hospital, Baltimore, MD, USA

David Navarro

MD, PhD, Professor of Microbiology, School of Medicine, Head of Division of Virology and Molecular Microbiology, Clinic University Hospital, Valencia, Spain





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Industry Symposia



Wednesday 26th September 2018

08.30 - 09.30 **CEPHEID**

Virology Testing for Improved Patient Impact

1. Point of care testing for Flu/RSV in emergency department to manage winter outbreaks

Dr Eleni Nastouli

Consultant Virologist, University College Hospital London UK

2. New models of care for Hepatitis in hard to reach people Dr Stéphane Chevaliez

Department of Virology & INSERM U841, Henri Mondor Hospital, University of Paris XII, Créteil, France

3. Simplifying HBV viral load testing and disease management Dr Sara Uceda

Ospedale Maggiore Policlinico, University of Milan, Milan, Italy





The 2018 ESCV Awardees

Sunday 23rd September 2018

14.30 - 15.30 **Heine-Medin Award**



Dr. Sander HerfstErasmus MC Rotterdam, The Netherlands

Monday 24th September 2018

11.00 - 11.30 Gardner Lectureship



Prof. Anna PapaAristotle University of Thessaloniki, Thessaloniki, Greece

Tuesday 25th September 2018

09.30 - 10.00 bioMérieux Award



Dr. Eric Claas Leiden University Medical Center, The Netherlands

Wednesday 26th September 2018

11.30 - 12.00 Abbott Diagnostics Award



Dr. Elena Pariani Università degli Studi di Milano, Italy

Flexible Solutions

Clinical. Operational. Economic.



ARIES® C. difficile Assay ARIES* Norovirus Assay **VERIGENE*** Enteric Pathogens Test xTAG* Gastrointestinal Pathogen Panel

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Blood Culture Test

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Homebrew Capabilities* **Extraction Kit**

ARIES* MultiCode* Ready Mix

ARIES* Bordetella Assay ARIES* Flu A/B & RSV Assay ARIES* Group A Strep Assay VERIGENE* Respiratory Pathogens Flex Test NxTAG* Respiratory Pathogen Panel

Respiratory Infections

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**Homebrew capabilities are only available for clinical diagnosis within the EU market segment. Performance characteristics of homebrew capabilities are determined by each individual laboratory.



General Meeting Information

Registrations

Pre-registration counter

For participants who have already registered. Please have the confirmation e-mail sent by the Meeting Secretariat close at hand. If you still have an outstanding payment, you may settle your account in cash or by credit card (Visa & Mastercard will be accepted). We accept only EURO (€).

Onsite registration counter

For participants registering and paying their registration fees onsite: you will need to fill in an onsite registration form. Payment will be accepted in cash or by credit card (Visa & Mastercard will be accepted). We accept only EURO (€).

Onsite registration fees

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|---|----------|
| ESCV Members | 580,00€ |
| Non ESCV Members | 650,00 € |
| Research Assistants / Trainees | 510,00 € |
| Students | 510,00 € |
| Retired Members | 230,00 € |
| Accompanying Members | 100,00 € |
| Exhibitors | 100,00 € |

Important Notes

- Members need to provide written proof of their membership when registering, otherwise non-member registration fees will apply. All ESCV Members should have financially settled their 2018 membership fee in order to benefit from the discounted registration fee
- **Research Assistants / Trainees** need to provide written proof of their position when registering, otherwise non-member registration fees will apply
- **Students** must be PhD candidates at the time of registration and need to provide written proof of their student status when registering, otherwise non-member registration fees will apply
- **Accompanying members** may not register for the event or participate in the scientific programme and may not be paid for by MedTech Europe Members.

Registration Fees for Delegates include:

- Admission to all scientific sessions
- Admission to the exhibition hall
- The meeting material (meeting bag, final programme, badge)
- Certificate of attendance
- Welcome Reception on the first evening
- Coffee-breaks during the meeting
- Lunches during the meeting

Registration Fees for Exhibitors include:

- Admission to all scientific sessions
- Admission to the exhibition hall
- Welcome Reception on the first evening
- Coffee-breaks during the meeting
- Lunches during the meeting

Registration Fees for Accompanying Members include:

- Welcome Reception on the first evening
- One (1) half day tour



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Name Badges

Participants will receive their badges onsite at the registration desk. The meeting badge should be worn by all participants at all times during the meeting to ensure access to the relevant areas. This includes the scientific sessions, the coffee-breaks and lunches, the exhibition area and other areas of the meeting venue as well as the social activities. Only participants wearing their meeting badge will be admitted to the above mentioned areas and activities.

The following badge colors are in use at the Meeting:

| Speaker | Delegate | Chair |
|----------|----------|---------|
| Industry | | Visitor |

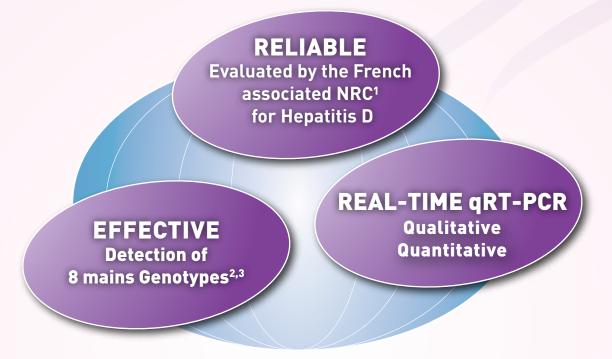
Secretariat & Exhibition Working Hours

| Days | Secretariat working hours | Exhibition working hours |
|---|---------------------------|--------------------------|
| Sunday 23 rd September 2018 | 11.00 - 20.45 | 12.00 - 19.45 |
| Monday 24 th September 2018 | 08.00 - 21.00 | 09.00 - 19.30 |
| Tuesday 25 th September 2018 | 08.00 - 18.30 | 09.00 - 18.15 |
| Wednesday 26 th September 2018 | 08.00 - 14.00 | 09.00 - 13.00 |

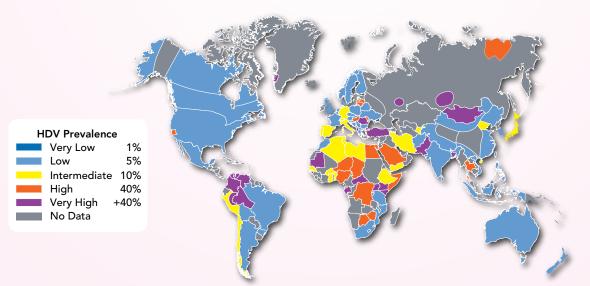


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Hepatitis Delta is responsible for serious chronic hepatitis



Think **HDV** in all chronic **HBV** positive patients with any liver dysfunction



20 million people are infected with chronic viral Hepatitis D worldwide

- 1. Avicenne Hospital, Bobigny, France
- 2. Cf. Performances study indicated in the data sheet
- 3. F. Le Gal and all. Performance characteristics of a new consensus commercial Kit for Hepatisis D Virus RNA Viral Load quantification kit. JCM. 2016; DOI:10.1128/JCM.02027-16



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Certificates Of Attendance

All registered delegates will receive a Certificate of Attendance.

Accreditation

The 21st Annual Meeting of the European Society for Clinical Virology, ATHENS, Greece, 23/09/2018-26/09/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 16 European CME credits (ECMEC®s).

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

EACCME® Credits

Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation at the event once he/she has completed the **evaluation form**. Cf. criteria 9 and 23 of UEMS 2016.20.

Scientific Programme

| Sunday 23 rd September 2018 | 4 ECMEC®s |
|---|-----------|
| Monday 24 th September 2018 | 5 ECMEC®s |
| Tuesday 25 th September 2018 | 4 ECMEC®s |
| Wednesday 26 th September 2018 | 3 ECMEC®s |

The EACCME® awards ECMEC®s on the basis of 1 ECMEC® for one hour of CME with a maximum of 8 ECMEC®s per day. Cf. Chapter X of UEMS 2016.20.

Certificate of Accreditation

To obtain a Certificate of Accreditation, delegates must complete the evaluation form **only for the sessions that they attend** during the Meeting.

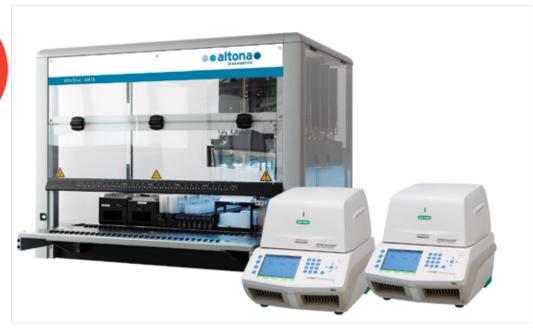
At the end of the Meeting, delegates are requested to return the completed evaluation form to the registration desk. Certificates of Accreditation will be sent by e-mail, within 60 days from the completion of the Meeting.





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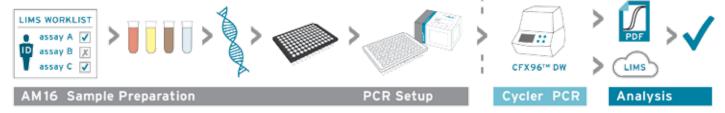


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- ullet Profit from the newly developed and CE-IVD marked AltoStar $^{\otimes}$ workflow
- · Process any sample type with one single purification kit
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- · Gain full process fidelity, bidirectional LIMS interface
- · Benefit from our outstanding training and support
- Choose from our broad AltoStar[®] assay portfolio

Join us for our Lunch Snack: Monday 12:30







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Presentation Guidelines



General

The official language of the 21st ESCV Annual Meeting is **English**, therefore all types of presentations must be prepared and delivered in English. The time reserved for each presentation varies according to the presentation and session type.

Oral Presentations

Oral presentations are organized in sessions comprising of 3 - 6 presentations according to the topic of each session. Authors are kindly asked to follow the assigned time strictly, the remaining time for the presentation and discussion will be announced and managed by the session chair.

Supported Presentation formats

Please, prepare your presentation preferably using PowerPoint version 2010 or 2013, however versions 2007 and 2003 are also supported.

Supported file types

Presentation: PPT, PPA, PPTA, PPTX, PDF Video: AVI, MPG, MKV, MOV, MP4, WMV

Audio: WMA, MP3, WAV

Please note that the presentations need to be prepared in 4:3 ratio.

Presentation preview desk

You will be assisted in the Presentation preview desk by the technicians, who will help you upload your presentation to the intranet. You will also be able to review your presentation and to verify that it has been transferred correctly to the network.

Your presentation must be uploaded as much in advance as possible, but no later than **TWO HOURS BEFORE** the beginning of the respective session. Presentations for an early morning session must be uploaded the day before. When uploading multimedia files, do not forget to double check all your video files and all links to these multimedia that files are functional.

In the Auditorium

Your presentation will be transferred directly to the Auditorium through the intranet.

Once the presentation is launched on the computer in the respective lecture room, you will advance your own slideshow using the remote control.

All speakers are requested to be present in the lecture room 10 MINUTES BEFORE the session starts to meet with the session chair. Please, do not come at the last minute with your own computer into the lecture room: you will NOT BE ABLE to connect it. All presentations must be uploaded in the Presentation Preview desk beforehand.

In case any problems arise, there will be assistance staff in the Auditorium.



Poster Presentations

Dimensions of posters

- Portait orientation
- AO Poster size 84,1 cm (width) x 118,9 cm (height)

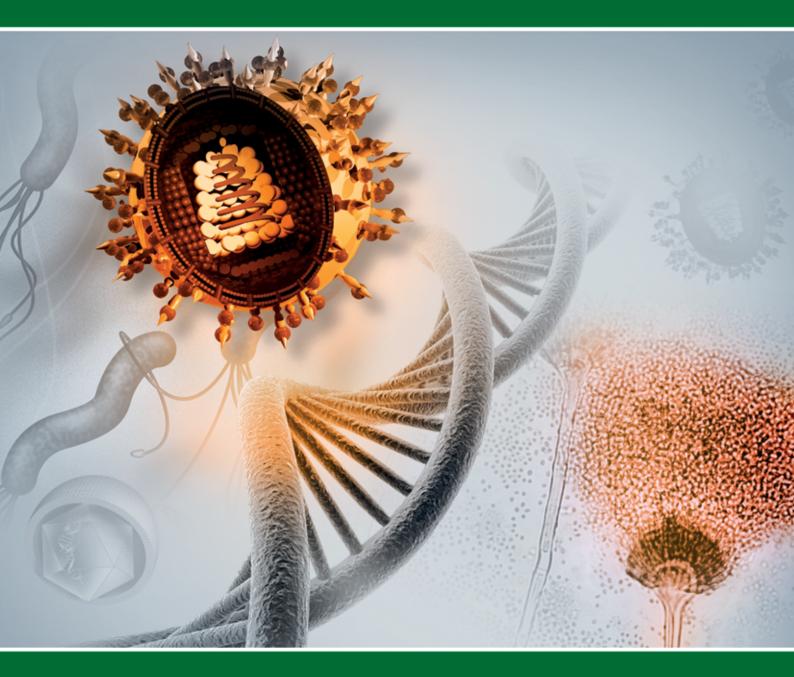
Posters on several sheets are not advised.

| Session | Posters to be presented | Mounting time | Presentation time | Removal date & time |
|---|-------------------------|--------------------------|--------------------------|---|
| Respiratory Viruses | P001 - P055 | | | Monday 24 th |
| Viruses in the immunosuppressed host | P056 - P103 | Sunday 23 rd | Monday 24 th | September 21.00 to 22.00 |
| Prevention / Vaccines | P104 - P120 | September | September | |
| Viral Pathogenesis and Immune Responses | P121 - P133 | from 11.00 to 20.30 | 19.30 - 21.00 | and Tuesday 25 th |
| Emerging Viruses | P134 - P152 | | | September |
| Viral Oncogenesis | P153 - P158 | | | 08.00 to 09.00 |
| Hepatitis Viruses | P159 - P199 | | | |
| Congenital & Neonatal Viral Infections | P200 - P217 | | | |
| Diagnostic Advances in Clinical Virology I / Point-of-Care Diagnostics | P218 - P244 | Tuesday 25 th | Tuesday 25 th | |
| Viral Gastroenteritis / CNS infections | P245 -P275 | September from 09.30 to | September 12.30 - | Up to Wednesday 26 th September, 13.00 |
| HIV / Sexually transmitted viral infections | P276 - P295 | 12.00 | 13.30 | September, 15.00 |
| Diagnostic Advances in Clinical Virology II / Clinical Metagenomics | P296 - P310 | | | |
| Clinical Syndromes | P311 - P318 | | | |

Important Notes:

- © Each board will have a poster number printed and posters must be mounted to the corresponding poster board.
- Material for mounting the poster will be provided on site.
- Presenters are requested to stand by their poster during the presentation time allocated to them.
- Set-up, removal and storage of posters are the presenters' responsibility.
- Any posters remaining after the removal date & time will be disposed of by the conference staff and will not be stored.

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General Information

Venue

The **Zappeion Conference & Exhibition Center** has witnessed the history of Athens for the past 120 years. It has been a key site for some of the nation's most significant moments, and has always been integrally linked to the Olympic Movement. Even though its uses were varied, it has become a landmark in the Greek capital, thus fulfilling the donor's initial wishes.

Apart from the conference rooms (with translation systems in 9 foreign languages) there are also luxurious reception areas, providing wi-fi internet connection (speed up to 24 Mbps), capability of telephone and fax support, security and control systems (fire, electricity provision, alarm, internal and external television circuit), modern areas of hygiene and other facilities systems.

Access to the Zappeion Conference & Exhibition Center

From Athens International Airport:

By metro

Metro Line 3. Syntagma Square is the closest metro station to the Zappeion Conference & Exhibition Center (350 m)

By bus

Express bus X95 connects directly the Athens International Airport "El. Venizelos" to Syntagma Square (350 m)

Athens, the host city

Each year, more and more travelers are choosing Athens for their leisure and business travel all year round. There are several reasons; Athens offers a variety of things to see and do, and most of the times, under favourable weather conditions.

Athens' transportation network is user-friendly; there are numerous museums and archeological sites and hundreds of restaurants to satisfy every taste.

Surrounded by a lining of stunning seas and mountains, Athens is filled with gems just waiting to be discovered.

Located at the crossroads of three continents, the capital of Greece with an overall population of close to four million has often been the hub of many cultures. Characterized by a culture and people that are welcoming and hospitable, every visitor just feels at home.

Athens is also an ideal congress destination, combining state-of-the-art infrastructure, excellent congress facilities and easy access from all over the world with world-class cultural attractions, modern amenities, diverse entertainment and natural beauty.

Official Language

The official language of the 21st ESCV Annual Meeting is English.

Banking Facilities and ATMs

Banks in Athens are generally open from Monday to Friday, from 08:00 to 14:30. There are cash machines (ATMs) nearby. The closest one is 2 minutes walking distance from the meeting venue.

If you require additional information, please ask at the registration desk staff. They will be able to direct you to the closest bank.

Insurance, Liability

All participants are reminded that the ESCV 2018 Annual Meeting Organization (ESCV, PCOs and Meeting Venue) are not liable for any losses, accidents or damage to persons or private property. Participants and accompanying persons are strongly advised to make their own arrangements in respect to health, personal and travel insurance in their country of origin. Participation in all excursions, tours etc, is at personal risk.



ATHENS \bigcirc 2018

General Information



In case of emergency

You can use the following numbers:

| | 100 | |
|------------------|-----|--|
| Emergency Number | 112 | |
| First Aid | 166 | |
| Fire Department | 199 | |

Internet access / Wi-fi

Wireless internet is available in all areas at the conference venue during the conference time.

Mobile Phones

All participants are asked to switch mobile phones off or to silent mode during the scientific sessions.

Smoking

Smoking is not permitted in closed public areas, **including the conference venue and the atrium**, airports, hotels, restaurants, shops, or workplaces and is only allowed in specifically designated areas.

Video Recording

All keynote lectures will be video recorded. These will then be available free of charge for ESCV members as an E-learning program.

Dress code

The dress code for the conference, including the Welcome Reception and the Greek Night Dinner, is informal.

Time Zone

Greece is +2h GMT/UTC during standard time.

Electricity

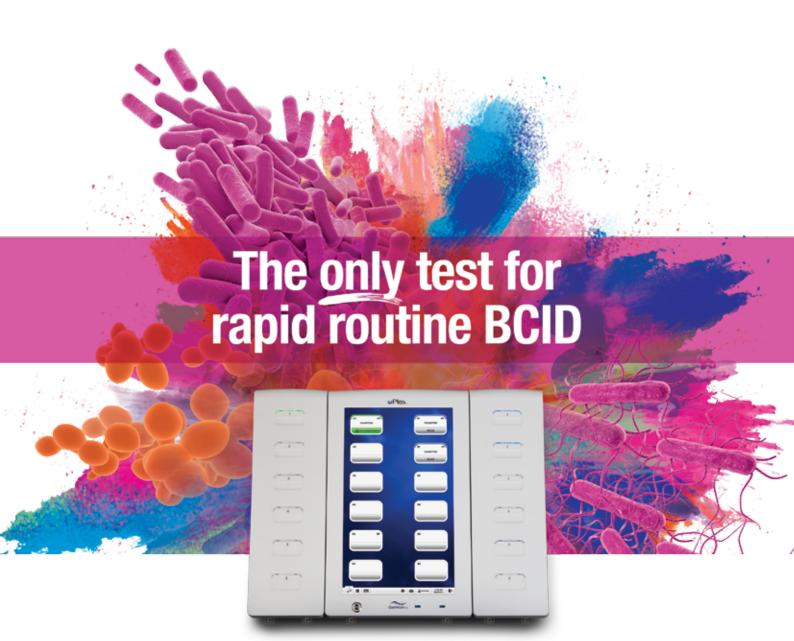
In Greece the electrical current is 220V, AC (50 Hz). Electrical sockets comply with European regulations.

Currency

Since 2002, the currency used in Greece is the euro (€). One euro is divided up into 100 cents.

Weather

While the month of September in Athens is still quite warm, the summer heat starts to cool off as the fall season approaches. The average temperature this month is 24° C (75°F), while the average low drops to 19° C (66°F), and the average high is still a warm 28° C (82°F).





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Social Programme

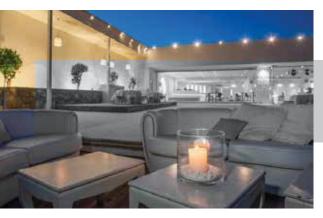




Welcome Reception

Sunday, 23rd September 2018 **20.45**

Atrium (Peristylion) of Zappeion Conference & Exhibition Center



Greek Night Dinner

Tuesday, 25th September 2018 **18.45**

"Amaltheia, the Place"



A short (20') bus ride from the Zappeion Conference & Exhibition Center through Poseidonos Avenue - the so-called "Athenian Riviera" - will bring us to one of the most idyllic sceneries of Attica: "Amaltheia, The Place", a unique event venue located not by, but ON the beach, provides the perfect backdrop for a memorable Greek Night Dinner: traditional Greek *mezedes* (delicacies) and drinks, paired with popular folk dances, highlight the essence of Greek *philoxenia* (hospitality) and lift our spirits as the sun sets and the night lingers on...

Ticket (not included in the registration fee)*: 60 € per person (subsidized cost)

* If you have already booked your Greek Night Dinner ticket online, you will receive it, together with your badge onsite at the registration desk

The widest, most flexible and adaptive menu for virus diagnosis



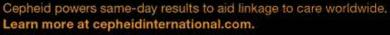
See our detailed menu on molecular.diasorin.com and diasorin.com



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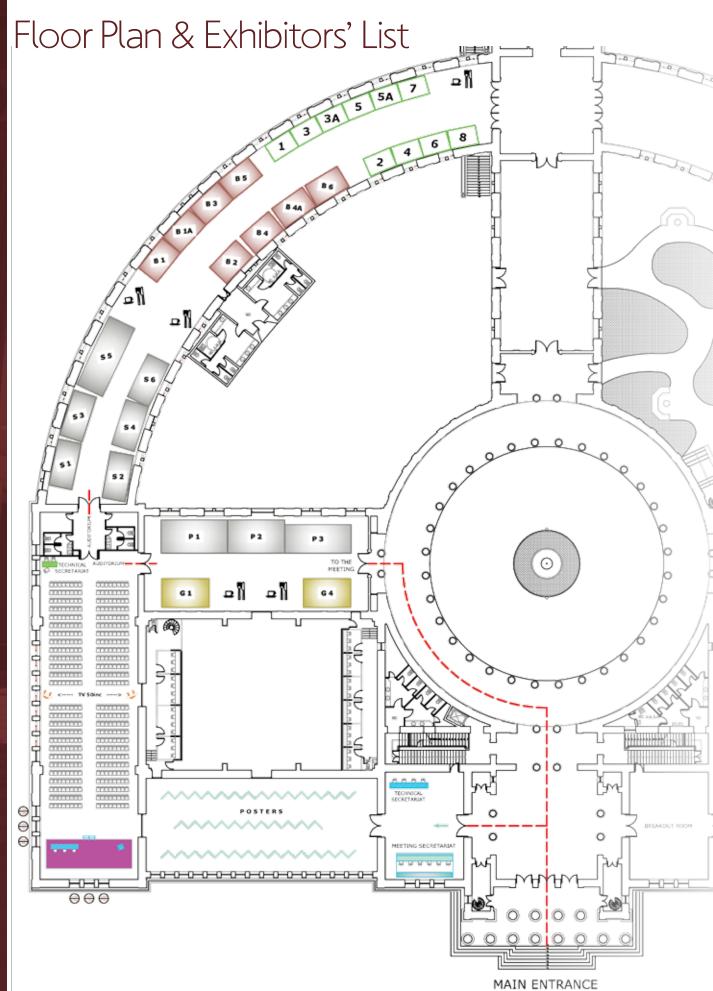










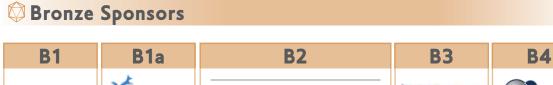




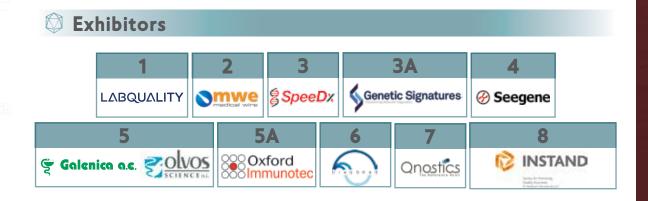
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Floor Plan & Exhibitors' List









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Exhibitors























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Our high quality diagnostic tests - from the initial screening to viral load testing - can empower clinicians when making actionable treatment decisions improving the outlook for patients around the world.

Shaping the future of diagnostics together

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Join QIAGEN® for a presentation of the latest clinical data from early evaluators of the QIAstat-Dx™.

Sunday, September 23

6:45-7:45pm

Learn more at www.QIAstat-Dx.com



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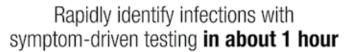
and learn more about ARGENE® SOLUTION for viral infections monitoring in transplant patients

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BioFire® FilmArray®
Gastrointestinal Panel



BioFire* FilmArray*
Meningitis/Encephalitis Panel

For In Vitro Diagnostic Use FDA Cleared and CE-IVD Marked

