

PROGRAMME

1ST DAY: WEDNESDAY, 14TH SEPTEMBER 2016

14:00 | Opening Ceremony

14:30 | **Session: Respiratory viruses**

Chair: Fausto Baldanti, Raquel Guiomar

14:30 | Transmission of zoonotic influenza viruses via aerosols or respiratory droplets

Ron Fouchier (Erasmus Medical Center, Rotterdam, The Netherlands)

15:00 | MERS

Maria Van Kerkhove (Institut Pasteur Paris, France)

15:30 | Oral presentations:

"Medico-economic impact of the rapid diagnosis of influenza in paediatric emergency department by using a new sensitive chromatographic immunoassay"

A. Cantais (University Hospital of Saint-Étienne, France)

"Molecular characterization of human rhinovirus in Portugal: 2014-2015 season"

P. Pechirra (National Institute of Health Dr. Ricardo Jorge, Lisbon, Portugal)

"Illuminating influenza epidemiology in Scotland using next generation sequencing"

E. Goldstein (West of Scotland Specialist Virology Centre, Glasgow, Scotland)

16:00 | Gardner lecture

Christian Drosten (Institut für Virologie, Universitätsklinikum Bonn, Deutschland)

Chair: Elisabeth Puchhammer-Stöckl

16:30 | Coffee break

17:00 | **Session: Infections in pregnancy and neonatal**

Chair: Pamela Vallely, Paulo Paixão

17:00 | Prenatal diagnosis and management of congenital CMV

Marianne Leruez-Ville (Necker-Enfants-Malades Hospital, Université Paris Descartes, Paris, France)

17:30 | Leveraging population genetics to reveal clinically relevant aspects of CMV evolution

Timothy F. Kowalik (University of Massachusetts Medical School, USA)

18:00 | Oral presentations:

"Long-term impairment attributable to congenital cytomegalovirus infection"

A.C.T.M.Vossen (Leiden University Medical Center, The Netherlands)

"Severe fetopathy caused by cytomegalovirus recurrence with isolated intra-abdominal complication in an immune woman"

M. Pichon (University Hospital of Lyon; Virpath, Inserm U1111, France)

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18:30 | **Session: Viruses and clinical syndromes I**

Chair: Anne-Marie, Cláudia Istrate

18:30 | Viral etiology of pericarditis and myocarditis

Sabine Pankuweit (Universitätsklinikum Giessen und Marburg GmbH, Marburg, Germany)

19:00 | Viral encephalitis

Vítor Duque (Hospitais da Universidade de Coimbra – CHUC, Coimbra, Portugal)

19:30 | Oral presentations:

"Current trends in molecular epidemiology of Varicella-Zoster Virus clinical isolates in Czech republic"

V. Bostikova (FMHS, Hradec Kralove, Czech Republic)

"Increased Detection of Enterovirus type D68 Associated with Acute Flaccid Paralysis and Severe Respiratory Illness in Wales, January-February 2016"

C. Moore (Public Health Wales Molecular Diagnostics Unit, UK)

"Does a chill cause a cold?"

R. Price (University of Edinburgh, UK)

20:00 | Welcome reception



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2ND DAY: THURSDAY, 15TH SEPTEMBER 2016

- 08:30 | Industry-sponsored symposium
- 09:30 | AIROPico project
Rapid 'point of care' testing for human rhino- and enteroviruses: results from the AIROPico network
Katja Wolthers
- 10:00 | Industry-sponsored symposium
- 10:30 | Coffee break
- 11:00 | **Session: New and old tools: new developments**
Chair: Martin D Curran, Madalena Almeida Santos
- 11:00 | NGS in clinical virology v2.0 - an update
Martin Daumer (Institut für Immunologie und Genetik, Kaiserslautern, Germany)
- 11:30 | NGS in clinical virology - the bioinformatician's view
Alexander Thielen (Max-Planck-Institut für Informatik Computational Biology and Applied Algorithmics, Kaiserslautern, Germany)
- 12:00 | Oral presentations:
- "Metagenomic analysis of the respiratory virome associated with acute respiratory illness of unknown etiology in infants"*
A. Bal (University Hospital of Lyon; Virpath, Inserm U1111, France)
- "Assumption-free improvement of the maxRatio algorithm increases the accuracy of qPCR assays targeting viruses"*
L. Marongiu (University of Cambridge, UK)
- "Anti-BK virus neutralizing antibody titers before transplantation predict BK virus replication in kidney transplant recipients after transplantation"*
M. Solis (Hôpitaux Universitaires de Strasbourg; Inserm UMR S1109, Université de Strasbourg, France)
- 12:30 | Lunch
Poster viewing
Industry-sponsored symposium
- 15:00 | **Session: HIV and other sexually transmitted infections**
Chair: Katja Seme, Agneta Samuelson
- 15:00 | On the road to HPV based cervical screening: Evidence for - and experience with implementation
Chris Meijer (VU University Medical Center, Amsterdam, The Netherlands)
- 15:30 | HIV2: a review
José Miguel Azevedo Pereira (Faculdade de Farmácia da Universidade de Lisboa, Portugal)

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16:00 | Oral presentations:

"A longitudinal study on dynamics of plasma neutralising antibodies and its determinants in HIV-2 infected individuals"

G. Ozkaya Sahin (Lund University, Sweden)

"Implementation of a rapid HIV-1 RNA test in diagnosing acute HIV infections among visitors of the Amsterdam clinic of sexually transmitted infections"

M. Dijkstra (Public health service of Amsterdam, The Netherlands)

"Evaluation of HIV-DNA, soluble CD14 and inflammatory markers in HIV-1 positive patients receiving antiretroviral therapy"

O. Turriziani (Sapienza University of Rome, Italy)

16:30 | Coffee break

17:00 | **Session: Emerging viruses I**

Chair: Markus Panning, Helena Rebelo de Andrade

17:00 | Ebola

Nahoko Shindo (WHO, Switzerland)

17:30 | Oral presentations:

"Detection of a novel EV-A71 subgenogroup C1 recombinant variant emerging in Germany, 2015"

S. Böttcher (Robert Koch Institute, Berlin, Germany)

"Preadolescent patients with atypical course of Zika virus (ZIKV) infection: clinical findings and quantitative viral detection in saliva and plasma"

S. Slavov (University of São Paulo, Brazil)

"Enterovirus D68 diagnosed in severe respiratory and neurological illness in children during 2015-2016 season in Portugal"

R. Guiomar (National Institute of Health Dr. Ricardo Jorge, Lisbon, Portugal)

"Evaluation of TTV load kinetics among kidney transplant recipients in the first year post-transplant period"

A. Piralla (Fondazione IRCCS Policlinico San Matteo, Pavia, Italy)

"Encephalitis caused by a novel adenovirus "orphan genome" in an adult allogenic SCT recipient"

A. Heim (Hannover Medical School, Germany)

"Molecular and clinical characterization of Enteroviruses-D68 infections between 2010 and 2015 in Lyon, France using 3D Cell culture and Next-Generation Sequencing"

M. Sabatier (University Hospital of Lyon, France)

18:30 | **Session: Clinical/epidemiological cases**

Clinical/epidemiological cases for discussion

Peter Coyle (Regional Virus Laboratory, Belfast, Northern Ireland)

Maria de São José Alexandre (Faculdade de Farmácia da Universidade do Porto, Portugal)

19:30 | ESCV General Assembly

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3RD DAY: FRIDAY, 16TH SEPTEMBER 2016

08:30 | Industry-sponsored symposium

09:30 | **Session: Gastroenteritis**

Chair: Javier Buesa, Maria São José Alexandre

09:30 | Disease mechanisms on rotavirus

Lennart Svensson (University of Linköping, Sweden)

10:00 | Oral presentations:

"Norovirus molecular epidemiology in a paediatric UK hospital: unexpected diversity, seasonality and sources of infection"

J. R. Brown (Great Ormond Street Hospital for Children NHS Foundation Trust, London, UK)

"Longer duration of viral shedding following infection with a novel norovirus GII.4 strain"

L. Gustavsson (University of Gothenburg, Sweden)

10:30 | Coffee break

11:00 | **Session: Infections in the immunosuppressed host**

Chair: Mariet Feltkamp, Vítor Duque

11:00 | CMV infections in transplantation

Fausto Baldanti (Fondazione IRCCS Policlinico San Matteo, Pavia, Italy)

11:30 | Viral Infections in Transplantation beyond CMV

Elisabeth Puchhammer-Stöckl (Medical University Vienna, Austria)

12:00 | Oral presentations:

"Molecular characterization of long-term shedding of respiratory syncytial viruses isolated from consecutive samples collected in haematological patients"

J. Tabatabai (University Hospital Heidelberg, Germany)

"Plasma Torquetenovirus (TTV) DNA load as a surrogate marker of reconstitution of CMV-specific immunity in the Allogeneic stem cell transplantation setting"

E. Giménez (Hospital Clínico Universitario, Valencia, Spain)

"Whole-genome sequencing of adenovirus in immunocompromised paediatric patients directly from clinical samples elucidates molecular epidemiology of suspected outbreaks"

C. J. Houldcroft (University College London Institute of Child Health, UK)

12:30 | Lunch

Poster viewing

Industry-sponsored symposium

15:00 | Industry-sponsored symposium

15:30 | **Session: Hepatitis**

Chair: Susanne Dudman, Perpétua Gomes

15:30 | HCV: Viral cell entry - molecular mechanisms and clinical impact

Thomas Baumert (University of Strasbourg, France)

16:00 | Oral presentations:

"Seroprevalence of hepatitis E virus among the Portuguese general population and prevalence of silent infection in blood donors – HEPeCONTROL"

M. S. J. Nascimento (Universidade do Porto, Portugal)

"Assessment of the Illumina MiSeq massively parallel sequencing platform for simultaneous analysis of Hepatitis C virus resistance to all direct-acting antivirals combination regimes"

E. Martró (Germans Trias i Pujol University Hospital; Instituto de Salud Car, Badalona, Spain)

"Hepatitis D virus infection in Slovenian patients with chronic hepatitis B virus infection: a national prevalence study"

L. Hošnjak (University of Ljubljana, Slovenia)

16:30 | Coffee break

17:00 | **Session: Treatment**

Chair: Louis Kroes, José Miguel Azevedo Pereira

17:00 | Potential applications of monoclonal antibodies in treatment and prophylaxis

Davide Corti (Università della Svizzera Italiana, Bellinzona, Switzerland)

17:30 | Oral presentations:

"Antiviral effect of interferons on BK virus infection"

E. Martin (Jules Verne University of Picardie, Amiens, France)

"High Incidence of Ganciclovir –Resistant Cytomegalovirus Infections in Solid Organ Transplant Patients"

H. Niesters (University of Groningen, The Netherlands)

"A multidrug resistant HSV1 infection occurring under cidofovir treatment for ADV infection in an immunocompromised child : perspectives to new antiviral drugs"

L. Panetta (Hospices Civils de Lyon, Institut d'Hématologie et d'Oncologie Pédiatrique, Lyon, France)

18:30 | Conference dinner



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4TH DAY: SATURDAY, 17TH SEPTEMBER 2016

08:30 | Industry-sponsored symposium

09:30 | **Session: Prevention**

Chair: Elizaveta Padalko, Paula Palminha

09:30 | Measles in Europe: Where are we?

Mark Muscat (Public Health Consultant, Denmark)

10:00 | Oral presentations:

"HIV neutralising antibody delivered by gene therapy with a stable retroviral vector encoded in baculovirus expression systems"

L. Faqih (University of Manchester, UK)

"European non-polio enterovirus surveillance and laboratory detection – are we prepared to detect an enterovirus outbreak?"

H. Harvala (Public Health Agency of Sweden and ECDC, Sweden)

10:30 | Coffee break

11:00 | **Session: Viruses and clinical syndromes II**

Chair: George Sourvinos, Giorgio Galinella

11:00 | Parvovirus B19: its real disease associations

Louis Kroes (Leids Universitair Medisch Centrum, Leiden, The Netherlands)

11:30 | Oral presentations:

"Neurotrophic Potential of Saffold Virus and the Effects of Its Leader Protein in the Central Nervous System of a Mouse Model"

M. Prabakaran (Temasek Life Sciences Laboratory, Singapore)

"Torque Teno Virus in liver transplant patients in Scotland, UK"

C. Crossan (Glasgow Caledonian University, UK)

"Differences among mumps virus surface proteins between genotype G and other genotypes and their potential effect on mumps virus immunity and pathogenesis"

T. Vermeire (WIV-ISP - L'Institut Scientifique de Santé Publique, Brussels, Belgium)

12:00 | **Session: Emerging viruses II**

Chair: Svein Arne Nordbø, Maria João Alves

12:00 | Impact of ZIKA virus infection on mothers and Brazilian children

Marisa Mussi (University of São Paulo, Brazil)

12:30 | Closing the doors on arboviruses in Madeira: the aftermath of the 2012 dengue outbreak

Carla Sousa (Instituto de Higiene e Medicina Tropical da Universidade Nova de Lisboa, Portugal)

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13:00 | Oral presentations:

"Structural basis of Zika virus cross-reactivity and cross-neutralization with flavivirus post-infection and post-vaccination sera"

K. Stiasny (Medical University of Vienna, Austria)

"Zika virus infections in travellers and contacts in Lombardy, Northern Italy 2016"

F. Rovida (Fondazione IRCCS Policlinico San Matteo, Pavia, Italy)

"Zika virus infections imported to Portugal, the National Reference Laboratory experience: The importance of sample collection time lapse in diagnosis"

L. Zé-Zé (Instituto Nacional de Saúde Dr. Ricardo Jorge, Águas de Moura, Portugal)

13:30 | Closing Ceremony



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