REQUEST FOR SUPPORT

11th INTERNATIONAL WORKSHOP ON HIV PEDIATRICS

MEXICO CITY, MEXICO • 19 - 20 JULY 2019

www.virology-education.com
Dear colleague,

We are proud to announce the 11th annual International Workshop on HIV Pediatrics 2019, scheduled on 19 and 20 July 2019, Mexico City, Mexico. Research in pediatric, adolescent and maternal HIV infection continues to be a neglected area at major scientific HIV conferences yet is critically needed to achieve an AIDS-free generation.

Although we have witnessed a dramatic global scale-up of antiretroviral treatment (ART) as well as efforts to prevent mother-to-child HIV transmission in the last decade, there continued to be 150,000 new pediatric infections in 2015 and an estimated 2.1 million children <15 years of age are living with HIV. Children are substantially less likely than adults to be diagnosed, initiate treatment and achieve durable viral suppression. Currently only 43% are receiving ART; treatment of pediatric HIV infection, particularly of infants and young children, remains complex and problematic, with continued use of suboptimal ART formulations and regimens.

Furthermore, adolescents remain one of the most rapidly growing populations with HIV; 20% of new HIV infections globally occur among adolescent girls and young women, despite accounting for only 11% of the adult population. In 2015 there were an estimated 250,000 new HIV infections among youth 15-19 years. HIV was the leading cause of death among adolescents living in Africa and the fifth leading cause of death in adolescents globally in 2016. Uptake of HIV testing among adolescents has remained low, programs continue to struggle to reach and retain adolescents in care, and adherence to treatment has special challenges for this age group, particularly among those with perinatal infection aging-up into adolescence and young adulthood.

As research to improve pediatric HIV diagnosis and care is ongoing, new scientific questions of critical importance have also emerged. In settings with mature ART programs, an increasing proportion of new pediatric infections are being attributed to women acquiring HIV infection during pregnancy and breastfeeding. Increasing rates of pre-treatment antiretroviral drug resistance, particularly to non-nucleoside reverse transcriptase inhibitor drugs, are being detected among newly diagnosed infants, which may reduce response to ART. Additionally, with more than 1.5 million pregnant women globally receiving ART, there are increasing concerns about the long-term impact of in utero and postnatal exposures to medications for those children who escape HIV. Currently, an estimated 20% of all infants born in sub-Saharan Africa are HIV- and ARV-exposed during pregnancy and the postnatal period.

Additionally, the pediatric HIV cure/remission agenda is an important emerging area of research. Innovations in early infant diagnosis such as point-of-care tests, have facilitated earlier identification of HIV infection during infancy, providing exciting new opportunities to study acute infection and very early treatment in neonates and promising remission strategies. The cure research agenda in children is unique from that in adults due to timing of infection (during infancy, a time of dramatic immunologic maturation/changes) as well as differing response to immunologic approaches such as vaccines in infants than seen in adults.
The International HIV Pediatrics Workshop is the only meeting entirely devoted to research in prevention and treatment of HIV infections in infants, children and adolescents, making it the premier forum for the world’s leading researchers. The Workshop has been held annually in conjunction with the International AIDS Conference since 2009, bringing together between 150-300 global experts in pediatric, adolescent and maternal HIV research each year.

The program includes oral abstract and poster presentations, state-of-the-art lectures from invited speakers and more informal and interactive fora including debates and panel discussions. A diverse community of participants includes investigators from the north and south and junior and senior investigators across a broad range of disciplines, who gather in an interactive setting that provides a platform for presentation and discussion of the latest developments in the field, encourages young investigators to engage in the field of pediatric/perinatal HIV research, and stimulates new research activities and collaborations.

We invite you to join us at the HIV Pediatrics workshop 2019 and look forward to welcoming you in Mexico City.

Yours Faithfully,

Dr. Lynne Mofenson
Workshop Chair
Elizabeth Glaser Pediatric AIDS Foundation
USA
COMMITTEES

WORLD’S LEADING EXPERTS

The Workshop is led by a diverse group of the foremost researchers in the field, including researchers from the United States, Europe and Africa. Together, this group of renowned scientists oversee the Workshop, including the development of the meeting agenda, abstract review and selection, junior investigator awards, and organization and implementation of the two-day event. The Organizing Committee identifies speakers based on their knowledge, experience, scientific and geographical background, presentation skills, influence and reach in the community. Special efforts are made to achieve gender and racial ethnic diversity among invited speakers and moderators, and to include speakers from both high- and low-income countries. Several members of the Organizing Committee regularly involve their community advisory and youth boards to elicit ideas for the meetings.

ORGANIZING COMMITTEE

Elaine Abrams, MD  
ICAP Mailman School of Public Health, Columbia University  
USA

Jintanat Ananworanich, MD, PhD  
The US Military HIV Research Program, USA

Charles Boucher, MD, PhD  
Erasmus Medical Center  
The Netherlands

Edmund Capparelli, PharmD  
University of California  
USA

Mark Cotton MD, PHD  
Stellenbosch University  
South Africa

Patricia Flynn, MD  
St. Jude Children’s Hospital  
USA

Carlo Giaquinto, MD  
University of Padova  
Italy

Diana Gibb, MD, MRCP, MSc  
Medical Research Council  
United Kingdom

Lynne Mofenson, MD  
Elizabeth Glaser Pediatric AIDS Foundation, USA

Victor Musiime, MBCHB, MMED, PHD  
Makerere University  
Uganda

Gareth Tudor-Williams, MD  
Imperial College London  
United Kingdom
COMMITTEES

SCIENTIFIC COMMITTEE
The members of the Scientific Committee (SC) are hand-picked by the OC and the conference secretariat based on their significant contributions and commitment to the field. They assist the OC by providing them with topic and speaker suggestions. In addition, members of the SC participate in reviewing submitted abstracts, and play an active role during the workshop.

Mohendran Archary, MBChB, DOH, FCPaeds............................. University of KwaZulu Natal, South Africa
Jason Brophy, MD ................................................................. Children’s Hospital of Eastern Ontario, Canada
Tsungai Chipato, MBChB ....................................................... University of Zimbabwe, Harare, Zimbabwe
Polly Clayden ........................................................................ HIV i-Base, United Kingdom
Anita De Rossi, PhD ............................................................ AIDS Reference Center, Padova, Italy
Marinella Della Negra, MD ................................................... Hospital Emilio Ribas, Sao Paolo, Brazil
Brian Eley, MD ...................................................................... Red Cross Children’s Hospital, Cape Town, South Africa
Albert Faye, PhD ................................................................. Denis Diderot University, Paris, France
Rashida Ferrand, MBBS, MRCP, MSc, DRM&H ......................... London School of Hygiene & Tropical
Tessa Goetghebuer, MD ........................................................ Hôpital St. Pierre, Bruxelles, Belgium
Ellen Gould Chadwick, MD ................................................... Northwestern University, USA
Valériane Leroy, MD ............................................................... Inserm, Paris, France
Chewe Luo, MD, PhD ................................................................. UNICEF, New York, USA
Dorothy Mbori-Ngacha, MD .................................................. University of Nairobi, Nairobi, Kenya
Sharon Nachman, MD ............................................................. SUNY Health Science Center at Stony Brook, New York, USA
Julie Nelson, MD .................................................................. Retrovirology Core Laboratory, UNC, USA
Paul Palumbo, MD .................................................................. Dartmouth-Hitchcock Medical Center, Lebanon, USA
Martina Penazzato, MD, DTMH, MSc, PhD ................................. WHO, United Kingdom
Jorge Pinto, MD, DSc ............................................................... Universidade Federal de Minas Gerais, Minas Gerais, Brazil
Thanyawee Puthanakit, MD ................................................... Chulalongkorn University, Bangkok, Thailand
Natella Rakhmanina, MD, PhD, FAAP, AAHIV ......................... Children’s National Medical Center, USA
Theodore Ruel, MD ............................................................... University of California, San Francisco, USA
George Siberry, MD, MPH .......................................................... National Institutes of Health, USA
Lynda Stranix-Chibanda, MBChB, MMED ................................. University of Zimbabwe, Harare, Zimbabwe
Graham Taylor, MD ............................................................... Imperial College, London, United Kingdom
Claire Thorne, BA, MSc, PhD .................................................. UCL, Institute of Child Health, London, United Kingdom
Marissa Vicari, MA ................................................................ International AIDS Society, Switzerland
Rachel Vreeman, MD, MS ........................................................ Indiana University, USA
NEEDS ASSESSMENT

Background – The Need for a Pediatric-Centered Meeting

Although we have witnessed a dramatic global scale-up of antiretroviral treatment (ART) as well as efforts to prevent mother-to-child HIV transmission (PMTCT) in the last decade, there were 150,000 new pediatric infections in 2015 and an estimated 2.1 million children <15 years of age are living with HIV. Children are substantially less likely than adults to be diagnosed, initiate treatment and achieve durable viral suppression. Currently, only 43% are receiving ART. Treatment of pediatric HIV infection, particularly of infants and young children, remains complex and problematic, with continued use of suboptimal ART formulations and regimens. Furthermore, adolescents are one of the most rapidly growing populations with HIV – 20% of new HIV infections globally occur among adolescent girls and young women, despite accounting for only 11% of the adult population. In 2015 there were an estimated 250,000 new HIV infections among youth 15-19 years. HIV was the leading cause of death among adolescents living in Africa and the fifth leading cause of death in adolescents globally in 2016. Uptake of HIV testing among adolescents has remained low, programs continue to struggle to reach and retain adolescents in care, and adherence to treatment has special challenges for this age group, particularly among those with perinatal infection aging-up into adolescence and young adulthood.

As research to improve pediatric HIV diagnosis and care is ongoing, new scientific questions of critical importance have also emerged. In settings with mature ART programs, an increasing proportion of new pediatric infections are being attributed to women acquiring HIV infection during pregnancy and breastfeeding. Increasing rates of pre-treatment antiretroviral (ARV) drug resistance, particularly to non-nucleoside reverse transcriptase inhibitor drugs, are being detected among newly diagnosed infants, which may reduce response to ART. Additionally, with more than 1.5 million pregnant women globally receiving ART, there are increasing concerns about the long-term impact of in utero and postnatal exposures to medications for those children who escape HIV. Currently, an estimated 20% of all infants born in sub-Saharan Africa are HIV- and ARV-exposed during pregnancy and the postnatal period.

Additionally, the pediatric HIV cure/remission agenda is an important emerging area of research. Innovations in early infant diagnosis such as point-of-care tests, have facilitated earlier identification of HIV infection during infancy, providing exciting new opportunities to study acute infection and very early treatment in neonates and promising remission strategies. The cure research agenda in children is unique from that in adults due to timing of infection (during infancy, a time of dramatic immunologic maturation/changes) as well as differing response to immunologic approaches such as vaccines in infants than seen in adults.
The International Workshop on HIV Pediatrics is Unique

Many researchers globally are focusing attention on the above issues and other relevant scientific questions that require urgent attention and investigation. However, despite the critical importance of these topics, research in pediatric, adolescent and maternal HIV infection is often neglected at major scientific HIV conferences; for example, at the recent 2018 Conference on Retroviruses and Opportunistic Infections (CROI), pediatric HIV was included in only 1 of 8 plenary sessions, 1 of 14 abstract sessions, and 1 of 9 symposia over the course of the 3-day meeting. Therefore, in collaboration with leading experts in the field, we have established a highly focused international workshop on the prevention and treatment of pediatric HIV infection, the International Workshop on HIV Pediatrics.

The overall objective of the workshop is to stimulate research that will advance prevention and treatment strategies for infants, children, and adolescents. The aims of the workshop are to: provide a platform for presentation and discussion of the latest developments in the field; to gather leading researchers involved in pediatric and perinatal HIV in a stimulating, interactive forum; and to promote the next generation of research by supporting junior and international investigators.

The International Workshop on HIV Pediatrics is the only meeting entirely devoted to research in prevention and treatment of HIV infections in infants, children and adolescents, making it the premier forum for the world’s leading researchers. The Workshop has been held annually in conjunction with the International AIDS Conference since 2009, bringing together between 150-300 global experts in pediatric, adolescent and maternal HIV research each year. The program includes oral abstract and poster presentations, state-of-the-art lectures from invited speakers and more informal and interactive fora including debates and panel discussions. The Workshop provides an interactive setting that provides a platform for presentation and discussion of the latest developments in the field, encourages young investigators to engage in the field of pediatric/perinatal HIV research, and stimulates new research activities and collaborations.

The meeting explicitly supports participation of a diverse community of participants, including women, racial and ethnic minorities, and investigators from low and middle income countries and from a broad scope of disciplines; the Workshop brings together junior and senior investigators across a range of disciplines (pediatrics, adolescent medicine, virology, immunology, pharmacology, obstetrics/gynecology, epidemiology and behavioral sciences) to share knowledge and experience across the critical content areas including HIV treatment and management, drug development, prevention of mother to child transmission, co-infections and co-morbidities, pediatric cure research and implementation science.

The meeting provides an interactive platform for analysis, discussion and debate of new scientific findings as well as an opportunity to consider implications for clinical care and program policy; and finally, by posting all presentations made during the Workshop online, study results and state of the art analyses are broadly disseminated beyond the walls of the conference venue to the global community.
Meeting objectives
The overall objective of this Workshop is to stimulate research that will advance the prevention and treatment strategies for infants, children, and adolescents. The meeting aims to provide a platform for presentation and discussion of the latest developments in the field, to gather experts involved in pediatric and perinatal HIV, and to promote the next generation of research in the field through provision of support for participation of junior investigators, particularly those from low-income countries, and investigators from low-income countries in this unique workshop.

The meeting aims at
- Providing updates on the latest research on new pediatric antiretroviral drugs, treatment and cure strategies in children and adolescents
- Understanding of available prevention technologies and their application for prevention of HIV in adolescents in high and low resource settings; this information may translate into preventive interventions for high-risk adolescents in different settings
- Sharing results from implementation science research on how to optimally implement proven interventions for prevention of mother-to-child HIV transmission and pediatric care and treatment in developing countries
- Understanding risks for HIV transmission to pregnant and lactating women and implications for the fetus/infants
- Evaluating optimal antiretroviral therapy in pregnancy and breastfeeding, the effect of such treatment on pregnancy and infant outcome, and potential long-term effects of HIV- and antiretroviral-exposure on the HIV-exposed but uninfected child as they age
- Understanding complications and comorbidities of long-term HIV infection and its therapy, to enable improved management of HIV in children
- Enhancing communication and collaboration between both junior- and senior-level, international researchers (from academia, government, and industry) and clinicians to promote the exchange of ideas, results, and technologies leading to successful translation into prevention and treatment of HIV
- Disseminating knowledge and data exchanged by conference participants beyond the audience of the live event through posting of all presentations on the meeting website, thus maximizing the impact of the meeting by reaching the whole HIV research community

Learning objectives
After attending this Workshop the participant will be able to:
- Describe the diversity of the HIV pediatric epidemic world-wide
- Summarize optimal treatment and management of HIV infection in infants, children, and adolescents
- Describe innovations in pediatric treatment including new drugs, new formulations, and new modalities such as immune-based treatment
- Outline treatment options for HIV infected women during pregnancy and breastfeeding
- Describe the latest research on potential pediatric HIV cure/remission
- Describe major co-infections in HIV-infected children, such as tuberculosis and hepatitis, and their management
- Describe the special issues related to HIV infection in adolescents and young people, and HIV prevention and programming options for youth
- Reflect on potential effects of HIV- and in utero/postnatal antiretroviral-exposure on HIV-exposed but uninfected children
- Describe models of optimal HIV program implementation of prevention and treatment in infants, children, adolescents and pregnant and lactating women
**PROGRAM DESCRIPTION**

**History of Workshop Productivity**

By bringing together experts from different disciplines with presentations in a variety of formats, the meeting offers a collaborative setting where the latest developments are presented, discussed, interrogated and evaluated. The Workshop has developed a reputation for being a premiere venue to present new scientific findings. Meeting attendance has escalated from 125 in 2013 to over 300 participants at the 9th workshop in 2017. The Workshop also has an extraordinary record of supporting scientific achievement as demonstrated in the success across the cascade from abstract presentation to publication. A survey was conducted among investigators with oral abstract presentations at the past four workshops, 2013-2016. Of 78 oral abstracts presented, 45 (58%) have resulted in publication with mean impact factor of 5.51. Papers have been published in Lancet HIV, AIDS, PLos Medicine, JAIDS and a host of other journals demonstrating the high level of interest in these scientific domains. Meeting evaluations routinely completed by participants are highly favorable and confirm the importance of this meeting for researchers and clinicians working in pediatric HIV.

The 2019 Workshop is organized specifically to allow overlap with the IAS Conference. As in previous years, presentations submitted to the larger meeting can be submitted to the Workshop and presented in both venues. This gives pediatric investigators an opportunity to present and discuss their work in a more intimate setting to a highly informed audience. Furthermore, as this is the only meeting that allows concentrated focus on these scientific domains, it provides a unique venue to disseminate results, analyze study findings and consider implications for service delivery, clinical care and future research.

**The Workshop is Abstract-Driven**

The meeting is abstract driven, with an average of 15-20 oral abstracts and 80-100 poster presentations. Five months prior to the Workshop, abstracts are solicited by email to a mailing list of over 6000 individuals with the deadline for submission in mid-April, about 12 weeks prior to the meeting and after the IAS 2019 abstract decisions are sent out. (Abstracts can be presented at both the Workshop and the IAS Meeting.) Abstracts are reviewed, scored and ranked by the Organizing and Scientific Committee. Highest scoring abstracts are selected for oral presentations, followed by poster presentation and abstract book inclusion. At the meeting, members of the Organizing Committee also score oral and poster abstracts of junior investigators to determine the Best Oral and Best Poster Presentation winners, who receive free registration and travel to the next year’s Workshop.

**TOPICS**

Therapeutic areas and topics, with a focus on infants, children adolescents and pregnant and lactating women:

- HIV therapeutics
- New therapies and formulations, including long-acting formulations and immune-based therapies
- Drug-drug interactions, such as antiretroviral and tuberculosis drugs, antiretroviral and hormonal contraceptives
- Short and long-term effects of treatment in HIV-infected individuals and in utero exposure to antiretroviral drugs in HIV-exposed but uninfected children
- Coinfections and their treatment, such as tuberculosis, hepatitis B and C infections, HPV infection
- Cure/remission research
- Comorbidities including metabolic and organ-system specific (e.g., neurologic/neuropsychiatric)
- HIV prevention, including new modalities for prevention of mother-to-child HIV transmission and prevention of new infections in adolescents/young people and women
The Meeting is Highly Innovative in Format

The meeting format is highly innovative. Moving from a more traditional format of plenaries and oral abstract sessions, the organizers have introduced new approaches including structured debates, oral poster presentations, "poster walks", clinical-case presentations, curated panel discussions, and video presentations. The debate format has been particularly attractive to participants in past years – the format is for the audience to provide an initial vote on the topic (pro or con), to have initial presentations by debaters, significant time for audience discussion, one-minute wrap-up from debaters, and repeat voting on the topic – with the “winner” being the debater pro or con who changed the most minds on the topic between the initial and final votes.

The plenaries include short presentations highlighting different facets of a common issue followed by discussion. For example, in 2017, four thoughtful presentations on the pediatric HIV epidemics globally and in Eastern Europe and West/Central Africa generated wide-ranging discussion on ways to reduce new infections in children worldwide. The clinical-case presentations have discussants from low- and high-resource countries providing an opportunity to learn about similarities and differences in clinical management across settings.

In 2017, oral poster presentations represented a new presentation format where investigators presented three slides summarizing their findings in a five-minute slot (compared with ten minutes for oral presentations) and provided an opportunity to increase the number of investigators publicly presenting their findings. Also new in 2017 were 4 themed “poster walks” lead by members of the Organizing Committee that highlighted specific posters; poster investigators gave a short presentation on their work followed by a discussion facilitated by the walk leader. The Organizing Committee also solicited and selected videos on the topic ‘growing up with HIV.’ A video display was arranged near the poster session, where selected videos were continuously shown with headphones for individuals to listen, and videos were also played for meeting attendees during breaks.

In addition, youth living with HIV are routinely attending the meeting and participating in presentations and panel discussions. In 2017, one session addressed What Constitutes ‘Adolescent-Friendly’ Programming? with presentations by a program implementer, an HIV researcher on adolescent-focused programs, and a commentary and panel discussion with two adolescents living with HIV. Furthermore, to disseminate research presented at the meeting, all Workshop materials including the program and abstract book are available online at the Virology Education website and the slides are available at www.infectiousdiseasesonline.com. Meeting presentations are available as webcasts on the Virology Education website.
INFECTIOUS DISEASES ONLINE

Enduring information presented at the conference will be freely accessible and widely disseminated to reach thousands of virtual participants beyond the walls of the conference center. Infectious Diseases Online is a premier online platform offering scientific materials in special topical areas and proceedings of conferences. All the content on Infectious Diseases Online is organized by workshop and date, making it easy to find.

Visitors of the website will have full access to:
- Abstract Books
- Meeting Reports
- Workshop Presentations
- Webcasts
ASSESSMENT


text

LEARNING ASSESSMENT METHOD

To assess the meeting, Virology Education provides each delegate with a detailed feedback form to assess the speakers, whether or not the meeting objectives were met, their intent to change, the rationale behind their motivation to attend, the general logistics of the meeting, and more.

All the questions are then fully analyzed and a comprehensive report is created and shared with the committee members. These reports help us to better understand our delegates’ needs and how to improve the meeting in the future.

For a maximum response rate, we invite the chairs of each session to encourage the participants to take a few minutes and complete the feedback forms. We are also introducing a web-based application to allow participants access to the feedback forms electronically.

Conference participation grants

The conference participation grants (CPG) provide healthcare professionals with the opportunity to attend a conference they would otherwise be unable to attend due to financial restrictions. All applications include a CV, a motivation letter, and potentially an abstract (requirements vary depending on the workshop). These are submitted via an independent CPG portal and are evaluated against the assessment criteria using a robust, impartial and independent peer review process. This process will ensure that the most qualified candidates will receive CPGs.

The grants are supported by the financial contributions allocated by the sponsor, who has no control, influence, or involvement in the selection process of the CPG candidates whatsoever. Priority is given to applicants who have actively participated in original research or scientific work that is being presented at the meeting and/or those who will profit most from participating in order to improve their daily clinical management.

These grants help defray costs for registration, travel and accommodation for delegates and foster their ability to form valuable professional networks and develop vital collaborations. Conference participation grant applications will be solicited, selected and awarded by an expert Grant Review Committee.

Please note that the TITANIUM, PLATINUM and GOLD support levels will reduce the costs for conference participation grants.

Accreditation

We aim to submit an application to the EACCME® for CME accreditation of this event.
SPONSOR BENEFITS

As a sponsor of Hiv Pediatrics, you will have the unique opportunity to connect with clinicians and researchers from academia, research institutes and governments. Engage with potential collaborators and experts and discuss the latest advancements and information in the field of hiv.

Sponsoring this program will give you the following benefits:

Visibility
• Prominent placement of your logo on conference materials (online and offline)
• Pre-event marketing and branding through:
  - Banners posted on the homepage of the website
  - Traffic generation to your website via the conference website
  - Your logo placed on monthly newsletters which are delivered to thousands of opt-in subscribers
  - Electronic advertising posted on several calendars linked to the event website

Contribution to the program
• A chance to organize satellite symposia
• Participate in discussions

Commercial benefits
• Exhibition opportunities
• Promotion option to display marketing materials such as pamphlets, flyers, postcards and other materials on the marketing table (subject to approval) [if available]

Privileges
Your contribution entitles you to the following privileges:
• Exhibition space [if available]
• Symposia inclusion [if available]
• Complimentary registrations to the event to increase your networking opportunities
• Other benefits described under various sponsorship levels
VIROLOGY EDUCATION

With over 20 years of experience, Virology Education is a leading provider of innovative scientific and educational programs worldwide. Our programs provide excellent platforms for scientific exchange, education and knowledge-sharing tailored to the needs of healthcare professionals in the fields of infectious diseases, pharmacology, liver disease, and more. Our activities include the initiation and organization of real-time and online platforms for international exchange, knowledge-sharing and education for medical professionals. We have developed long-standing collaborations with world-leading experts and work together with other important stakeholders to achieve the greatest impact for our programs and to provide top quality scientific content. Our programs range from international abstract-driven workshops to small and large scale educational series, masterclasses, advisory boards, expert rounds, satellite symposia, and more.

More than 50 programs are planned for 2018 in more than 30 different cities around the globe!

OUR IMPACT IN 2017

46 programs | 4,187 participants | 2,277 accepted abstracts
59% returning participants | 28,000+ opt in subscribers

Biltstraat 106
3572 BJ Utrecht
The Netherlands
www.virology-education.com
info@virology-education.com
+31 30 230 7146

Karin Siebelt, MSc.
Project manager
karin@vironet.com