

## IAS/ANRS Lange/van Tongeren Prizes for Young Investigators – Annual PRIZE

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### Previous Prize Winners

#### IAS 2017

##### **Track A: Basic Science**

Christine Fennessey, United States “Assessing individual viral reactivations of the latent reservoir using a novel barcoded virus”

##### **Track B: Clinical Science**

Nithya Srinivas, United States “SHIV infection and drug transporters influence brain tissue concentrations of efavirenz”

##### **Track C: Prevention Science**

Kelly Kilburn, United States “The effect of a conditional cash transfer for HIV prevention on the experience of partner violence for young women: evidence from a randomized experiment in South Africa HPTN 068”

##### **Track D: Implementation Science**

Margaret Prust, United States “Multi-month refills of antiretroviral drugs for stable patients in Malawi: assessing accuracy in the application of eligibility criteria at the health facility level”

#### AIDS 2016

##### **Track A: Basic and Translational Research**

Jacques Dutrieux, France, for the abstract ‘PML/TRIM19-dependent inhibition of retroviral reverse-transcription by Daxx’.

##### **Track B: Clinical Research**

Munyaradzi Pasipamire, Swaziland, for the abstract ‘Evaluating the incremental value of using the TB LAM test in intensified case finding for TB in people living with HIV’.

##### **Track C: Epidemiology and Prevention Research**

José Luis Gomez, Brazil, for the abstract ‘Trans incarceration experiences, cycle of violence and increased risk of HIV infection: results from Muriel Project, Sao Paulo, Brazil’.

##### **Track D: Social and Political Research, Law, Policy and Human Rights**

Leigh Bukowski, United States, for the abstract ‘Physical assault partially mediates the impact of transgender status on depression and poly-substance use among Black MSM and Black transgender women in the United States: results from POWER’.

##### **Track E: Implementation Research, Economics, Systems and Synergies with other Health and Development Sectors**

Pedro Carneiro, United States, for the abstract ‘Implementing a successful PrEP program: lessons learned from the largest LGBT Community Health Clinic in New York City’.

##### **Special HIV Cure Prize**

Tianyu He, United States, for the abstract, ‘T regulatory cell depletion in controller macaques reactivates SIV and boosts CTLs’.

#### IAS 2015

##### **Track A: Basic Science**

Eunok Lee, Australia, for the abstract, "Distinct HIV genetic populations in effector memory T-cells after prolonged therapy".

**Track B: Clinical Science**

Kristjana Asbjornsdott, USA, for the abstract, "T-cell activation and treatment outcomes among infants receiving early ART".

**Track C: Prevention Science**

Marc Solomon, USA, for the abstract, "The safety of HIV pre-exposure prophylaxis in the presence of hepatitis B infection".

**Track D: Implementation Science**

Anu Ramachandran, USA, for the abstract, "Cost effectiveness of implementing CRAG-LFA screening for cryptococcal meningitis among people living with HIV in Uganda".

**Special HIV Cure Prize**

Christopher Peterson, USA, for the abstract, "Zinc finger nuclease gene editing for functional cure in a nonhuman primate model of HIV/AIDS".

**AIDS 2014**

**Track A: Basic and Translational Research**

Matthew Woods, Canada, for the abstract "Interferon-induced HERC5 protein inhibits HIV-1 replication by two novel mechanisms and is evolving under positive selection".

**Track B: Clinical Research**

Sarah E. Rutstein, USA, for the abstract "Identifying persons with acute HIV infection in urban Malawi HIV testing and sexually transmitted infection clinics: an opportunity for HIV transmission prevention".

**Track C: Epidemiology and Prevention Research**

Jilian Pintye, USA, for the abstract "Male circumcision and the incidence of syphilis acquisition among male and female partners of HIV-1 serodiscordant heterosexual African couples: a prospective study".

**Track D: Social and Political Research, Law, Policy and Human Rights**

Lucie Cluver, South Africa, for the abstract "Threefold increased suicide attempt incidence amongst AIDS-affected and abused adolescents in South Africa: a prospective national study".

**Track E: Implementation Research, Economics, Systems and Synergies with other Health and Development Sectors**

Ashley Grosso, USA, for the abstract "Prevention and treatment needs of women who started selling sex as minors".

**Special HIV Cure Prize**

Gilles Darcis, Belgium, for the abstract "Synergistic activation of HIV-1 expression by compounds releasing active positive transcription elongation factor b (P-TEFb) and by inducers of the NF-κB signaling pathway".

**IAS 2013**

**Track A: Basic Sciences**

Kavidha Reddy, South Africa, for the abstract "Association of APOBEC3G genetic variants with HIV-1vif sequence variation and impact on HIV-1".

**Track B: Clinical Sciences**

Michael Schomaker, South Africa, for the abstract "When to start ART in children aged 2-5 years? Causal modeling analysis of IeDEA southern Africa".

**Track C: Prevention Science**

Jennifer Smith, United Kingdom, for the abstract “Could misreporting of condom use explain the apparent association between injectable hormonal contraceptives and HIV acquisition risk?”.

**Track D: Operation and Implementation Research**

Raluca Buzdugan, Romania, for the abstract “Feasibility of population-based cross-sectional surveys for estimating vertical HIV transmission: data from Zimbabwe”.

**Special HIV Cure Prize**

Lachlan Gray, Australia, for the abstract “HIV-1 entry and trans-infection in astrocytes: implications for cure and eradication”.

**AIDS 2012**

**Track A: Basic Sciences**

Rik Schrijvers, Belgium, for the abstract “Dissecting HIV-1 integration site selection using a human LEDGF/p75 knockout cell line”.

**Track B: Clinical Sciences**

Vikrant Sahasrabudde, USA, for the abstract “HPV genotype attribution of anal neoplasia in HIV-positive MSM: estimating the preventable fraction and disease misclassification”.

**Track C: Epidemiology and Prevention Science**

Renee Heffron, USA, for the abstract “Association of injectable contraception and risk of HIV-1 acquisition in women in HIV-1 serodiscordant partnerships: persistence of effect in multiple sensitivity analyses”.

**Track D: Social Science, Human Rights and Political Science**

Kathleen Deering, Canada, for the abstract “Mapping spatial barriers and facilitators to HIV testing by work environments among sex workers in Vancouver, Canada”.

**Track E: Implementation Science, Health Systems and Economics**

Caitlin A Matson, USA, for the abstract “Integration of infant HIV testing at nine month immunisation visit in South Africa: a proposed model of service delivery”.

**Special HIV Cure Prize**

Nitasha Kumar, Australia, for the abstract “Myeloid dendritic cells and HIV latency in resting T cells”.

**IAS 2011**

**Track A: Basic Sciences**

Xu Yu, China, for her abstract “Unique mechanisms of CD4 T cell homeostasis in HIV-1 elite controllers”.

**Track B: Clinical Sciences**

Musa Ngayo, Kenya, for his abstract “Association of abnormal vaginal flora with male-to-female HIV-1 transmission among HIV-1 discordant couples in sub-Saharan Africa”.

**Track C: Prevention Science**

Anadi Sheth, USA, for her abstract “Genital secretions of HIV-1 infected women on effective antiretroviral therapy contain high drug concentrations and low amounts of cell-free virus”.

**Track D: Operations and Implementation Research**

Lilanganee Telisinghe, UK, for her abstract “Antiretroviral therapy roll-out in an African prison: It can be done”.

**AIDS 2010**

**Track A: Basic Sciences**

Stephanie Planque, USA, for her abstract "Prototype covalent HIV vaccine for inducing antibodies that neutralize genetically divergent virus strains".

**Track B: Clinical Sciences**

Gabriel Chamie, USA, for his abstract "TB microbiologic and clinical outcomes in a randomized trial of immediate vs. CD4 initiated antiretroviral therapy in HIV-positive adults with high CD4 cell counts".

**Track C: Biomedical Prevention**

Joseph Larmarange, Mali, for his abstract "Mapping HIV prevalence in Africa for a better understanding of epidemics: example from Burkina Faso using 2003 demographic and health survey data".

**Track D: Operations Research**

Michaela Leslie-Rule, USA, for her abstract "The language of love: Tanzanian women define intimacy, sexuality and violence in the 21st century".

**Track E: Economics, Operations Research, Care and Health Systems**

Gesine Meyer-Rath, South Africa, for her abstract "Total cost and potential cost savings of the national antiretroviral treatment (ART) programme in South Africa, 2010 to 2017".

**Track F: Policy, Law, Human Rights and Political Science**

Khalil Elouardighi, France, for his abstract "Biogeneric development: when trade secret law clashes with research ethics".

**IAS 2009**

**Track A: Basic Sciences**

Renato Aguiar, Brazil, for his abstract "HIV encapsidates viral genomic RNA and APOBEC3G in mRNA processing bodies."

**Track B: Clinical Sciences**

Max O'Donnell, USA, for his abstract "High incidence of multidrug resistant and extensively drug resistant tuberculosis among South African health care workers."

**Track C: Biomedical Prevention**

Ashraf Fawzy, USA, for his abstract "Diarrhea morbidity and mortality increases with weaning prior to 6 months among uninfected infants born to HIV-infected mothers in Zambia."

**Track D: Operations Research**

Ingrid Bassett, USA, for her abstract "Who starts ART in Durban, South Africa?...not everyone who should."

**AIDS 2008 ANRS/IAS Prize**

María Lorena Cabrera Ruíz, Paraguay, for her abstract "Prevalence of Resistance-Associated-Mutations in HIV-infected Mexican Children after multiple ARV failure".

David Damba, Uganda, for his abstract "Improving Quality of Life of Persons Living with HIV/AIDS through a Computerized Drug Management System - TASO Mbale Experience".

Joyce Wamoyi, Kenya, for her abstract "Women's bodies are shops"- Beliefs about transactional sex and implications for understanding gender power and HIV prevention in Tanzania".

**AIDS 2008 IAS Young Investigator Awards**

**Track A: Biology and Pathogenesis of HIV**

Birgitt Dau, USA, for her abstract "Connection Domain Mutations Are Common in Treatment-Experienced Patients and Are Associated with Virologic Outcome".

**Track B: Clinical Research, Treatment and Care**

Alastair Teague, United Kingdom, for his abstract "Clinical experience with raltegravir (MK-0518 or Isentress®), with an optimised background regimen in highly treatment-experienced patients".

**Track C: Epidemiology, Prevention and Prevention Research**

Tara Beattie, United Kingdom, for her abstract "Community mobilization - an approach for rapid increases in condom use and reductions in sexually transmitted infections among female sex workers in Mysore, South India".

**Track D: Social, Behavioural and Economic Science**

Kenneth Gimbel-Sherr, USA, for his abstract "Task shifting to mid-level clinical health providers: An evaluation of quality of ART provided by tecnicos de medicina and physicians in Mozambique".

**Track E: Policy**

Richard Pearshouse, Canada, for his abstract "Rape, sexual assault, domestic violence and HIV: promoting women's rights through legislation".

**IAS 2007 ANRS/IAS Prize**

**Track A: HIV Basic Science**

Dmytro Kovalskyy, Ukraine, for his abstract "Development of small molecule inhibitors of HIV-1 Tat- protein phosphatase-1 interaction as a new anti-HIV-1 retroviral therapeutics".

**Track B: Clinical Research, Treatment and Care**

Apollo Basenero, Uganda, for his abstract "Inadequacy of clinical and immunological criteria in identifying virologic failure of 1st line ART: the Ugandan experience".

**Track C: Biomedical Prevention**

Lu Yin, China, for her abstract "Incidence of HIV and hepatitis C viruses among injection drug users in Southwestern China: a 3-year follow-up study".

**IAS 2007 IAS Young Investigator Awards**

**Track A: HIV Basic Science**

Miranda Zoe Smith, Australia, for her abstract "Vaccine-induced CD8+ T cells control reversion of SIV Gag immune escape mutants".

**Track B: Clinical Research, Treatment and Care**

Marcello Pinti, Italy, for his abstract "Upregulation of the mitochondrial PRSS15/LON during lipodystrophy: ex vivo and in vitro detection".

**Track C: Biomedical Prevention**

Viviane D. Lima, Canada, for her abstract "The impact of HAART on HIV transmission: the interplay of HIV-1 RNA plasma viral load, adherence and drug resistance over time".

**Track C: Biomedical Prevention**

Biswajyoti Borkakoty, India, for his abstract "Co-infection of HIV, HCV, HBV and the associated risk behaviors among injection drug users in two northeastern states of India".

**AIDS 2006 ANRS/IAS Prize**

Dorothy Balaba, Uganda, for her abstract "Building referral networks between traditional health practitioners and biomedical health system - a strategy to reach the underserved communities with comprehensive HIV services".

Le Minh Giang, Vietnam, for his abstract "HIV risks among young male migrants using heroin in Hanoi, Vietnam".

## **AIDS 2006 IAS Young Investigator Awards**

### **Track A: Biology and Pathogenesis of HIV**

Linos Vandekerckhove, Belgium, for his abstract "The LEDGF-integrase interaction as a new target for ART".

### **Track B: Clinical Research, Treatment and Care**

Assane Diouf, Senegal, for his abstract "Tuberculosis incidence and risk factors among adult patients receiving HAART in Senegal: a 7-year cohort study".

### **Track C: Epidemiology, Prevention and Prevention Research**

Sheri Weiser, USA, for her abstract "Food insufficiency predicts high-risk sexual behavior among women but not men in Southern Africa".

### **Track D: Social, Behavioural and Economic Science**

Gretchen Domek, USA, for her abstract "The social consequences of antiretrovirals: preparing for the unexpected futures of HIV-positive children in South Africa".

### **Track E: Policy**

Savy Bou, Cambodia, for her abstract "Living again: supporting PLHA to lead the response to HIV".