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ARV-based Prevention

**P001** Duration of the first combination of antiretroviral treatment in people living with HIV in Mexico
Becerril Vargas, E*; Valenzuela Lara, M; León Juárez, E; Magis Rodríguez, C (Mexico City, Mexico)

**P002** Protein tyrosine phosphatase inhibitors booster the anti-HIV-1 activity of IFN-α in vitro
Rangel, HR*; Ortega, JT; Quiñones-Mateu, ME; Pujol, FH (Caracas, Venezuela)

Clinical Pharmacology

**P003** The prognosis of HIV/AIDS patients in intensive care
Cunto, E; Saul, P; Chediack, V; de las Mercedes Nano, M*; Dominguez, C; Chomyn, J; Gregori Sabeli, R; Bispo, C; Fernandez, J; Mamalotti, G; Chacon, N; Rodríguez Llanos, M; Gil Zbinden, F; Cortez, E; Caceres, S (Buenos Aires, Argentina)

**P004** Clinical characteristics and long-term monitoring of a cohort of HIV/AIDS patients admitted in intensive care
de las Mercedes Nano, M*; Cunto, E; Chediack, V; Dominguez, C; Saul, P; Mamalotti, G; Chaco, N; Bispo, C; Fernandez, J; Caceres, S; Villar, O; Velazquez Lopez, P (Buenos Aires, Argentina)

HIV/Hepatitis Co-infection

**P005** Prevalence of hepatitis B, hepatitis C, syphilis, and tuberculosis in a large cohort of patients living with HIV/AIDS in Colombia
Delgado, EG*; Sussmann, G; Cheque, A; Mantilla, M; Arévalo, L; Martínez, PL; Echeverría, LF; Álvarez, C; Valderrama, S; Gonzáles, C; Lenis, W; Santamaría, YL; Pardo, JA; Galindo, J; Posada, MP; Gómez, D; García, J; Orozco, S; Zulugua, I; Uparela, G; Mueses, HF; Escandón-Vargas, K; Martínez-Buitrago, E (Medellín, Colombia)

**P006** Symptoms, psychosocial and treatment-related variables among patients with virologic failure into two first-line antiretroviral therapies
Rodríguez, V*; Vega, H; Hirata, H; Ruiz, JA (Mexico City, Mexico)

HIV/Other Co-infection

**P007** Treatment response evaluation of direct-acting antiviral agents in HCV-HIV co-infection: a real-life experience in Brazil
Uski, N*; Pedro, M; Miotto, N; Mendes, L; Zanaga, L; Lazarini, MS; Vigani, A; Stucchi, R; Goncales, F; Goncales, E (São Paulo, Brazil)

**P008** Increase in the prevalence of hepatitis C genotype 4 detected in HIV program care in Bogota, Colombia between 2010 and 2016
Arevalo, L*; Mantilla, M; Narvaez, A; Sanchez, A; Bernal, D; Castañeda, C; Oyola, M; Chaves, A; Reyes, D; Avilla, S; Quintero, E; Hernandez, F; Roca, V (Bogota, Colombia)

*Indicates presenting author.
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<td>The performance of Whatman® 903 paper, and the new Polyethylene sulfone membrane for HIV viral load, pol genotypic resistance and genotropism using dried plasma and blood samples</td>
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<td>Antiretroviral therapy (ART) switch in patients with newly diagnosed tuberculosis (TB): the experience in Mexico</td>
<td>Figueroa, L*; Rivera, H; Valdivia, A; Calva, J; Ramirez, J; the CORESAR Study Group</td>
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<td>A local audit of the standard for diagnosing latent tuberculosis infection for adults living with HIV in a tertiary hospital in Santiago, Chile</td>
<td>Chanqueo, L*; Alarcon, C; Aravena, L; Gutierrez, C; Valdebenito, S; Hossn, R; Bernal, F; Serri, M; Arancibia, JM; Vásquez, P</td>
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P022 HIV care cascade in transgender women: Mexico facing the challenge
Roman-Mar, E*; Fong-Ponce, MZ; Sanchez-Morales, A; Gonzalez-de la Vega, E; Vega-Ramirez, EH; Cruz-Islas, J; Gonzalez-Rodriguez, A (Mexico City, Mexico)

P023 Disparities in sexual transmitted infections among transgender populations in the Dominican Republic
Paulino-Ramirez, R*; Rodriguez-Lauzurique, RM; Clase, J; McLaughlin, E; Muñoz, M; Valero, K; Selman, M; Reynoso, E; Alcantara, M; Ravelo, L; Ibarra, R; Vargas, JP; De Leon, E; Cartagena, F; Rosa, W; Melendez, J; Echavarría, V; Solivan, J; Gonzalez, A (Santo Domingo, Dominican Republic)

P024 Analysis of a large Colombian cohort of HIV-infected patients over 50 years of age during 2013–2015
Martínez-Buitrago, E*; Posada, MP; Sussmann, O; Cheque, A; Mantilla, M; Arévalo, L; Martínez, PL; Echeverría, LF; Álvarez, C; Valderrama, S; González, C; León, W; Santamaria, YL; Pardo, JA; Galindo, J; Delgado, EG; Gómez, D; García, J; Orozco, S; Zuluaga, J; Uparel, G; Mueses HF; Escandón-Vargas, K (Cali, Colombia)

P025 Continuum of HIV care in patients deprived of their freedom in Mexico City during 3 years (2014–2016)
Vargas González, H*; Zghaib Rivero, ME; Vargas Guadarrama, G; Badial-Hernandez, F; González Rodríguez, A (Mexico City, Mexico)

P026 Prevalence of HIV infections between incarcerated men in Brazil: cross-sectional study at the Paraná State penitentiary system
Ferreto de Almeida, LED*; Vieira, AP; Follador, FAC; Bento Casaril, KBP; Coelho, HC; Torres, RH; Frois, JF; Yamada, RS; Dió, LF; do Amaral, GC; TEBALDI, DG; Ricachenevsky, A; de Oliveira, FH; Zia, JE (Francisco Beltrão, Brazil)

P027 Correlation between optimal hormonal therapy and viral load among transgender women with HIV infection
Román-Mar, E; Fong-Ponce, MZ*; Sánchez-Morales, A; González-de la Vega, E; Vega-Ramirez, EH; Cruz-Islas, J; Gonzalez-Rodriguez, A (Mexico City, Mexico)

P028 Reducing HIV risk behaviour after intervention with young leaders of key populations: an experimental analysis
Agostinho Calixto, D* (Brasília, Brazil)

P029 Disparities in HIV care retention among transgender women and men who have sex with men
Kundro, M*; Víctoria, G; Acosta, MC; Moreira Macías, L; Losso, M (Buenos Aires, Argentina)

P030 HIV prevalence in the Ngäbe Buglé population of Panama
Pedrola, M*; Campos, P; Delgadillo, N; García, D; Ruiz, B; Launido, M (Buenos Aires, Argentina)

P031 HIV treatment cascade in incarcerated men in Ezeiza, Argentina
Ricart, JJ; Ameri, D; Padín, J; Medina, N; Francos, JL* (Buenos Aires, Argentina)

P032 Chilean HIV Mapuches ethnic women; the most vulnerable of the vulnerable. The Araucanía, the poorest region in the country with the greatest indigenous population
Chahin, C*; Alarcón, AM; Muñoz, S; Gajardo, K (Temuco, Chile)

P033 High HIV prevalence in non-high-risk groups in urban Honduras
Rankin-Williams, A; Montufar Osorio, Y; Díaz Moreno, ID; Galindo Paz, EM*; Main, D (San Pedro Sula, Honduras)

P034 Assessing the acceptability of PrEP among HIV high-risk patients and healthcare providers in the Dominican Republic
Gonzalez-Diaz, J*; Arboleda, N; Rodriguez-Lauzurique, RM; Paulino-Ramirez, R; Horigian, V (Miami, USA)

Models of Care/Scale-up of Treatment

P035 Reducing the gap: a strategy to strengthen the specialized HIV care clinics to improve detection and linkage to care
Villafuerte García, A*; Salazar Arriola, S; García Fuentes, NB; Padilla Barjuelos, A; García Díaz, JM; Romero Islas, PO; Morales Carcano, A; Espinoza Villegas, F; Uribe Zúñiga, PE; Magis Rodríguez, C (Mexico City, Mexico)

P036 Trends in antiretroviral drugs use in Latin America over 3 years
Martínez-Buitrago, E*; Casseiti, I; Celli, AP; Afani, A; Loza, G; Lucchetti, A; Bahamondes, L; Ceballos, ME; Thomann, M; Lasso, M (Cali, Colombia)

*Indicates presenting author.
P037 Implementation model for HIV retention in care in key populations in the Dominican Republic
Paulino-Ramirez, R*; Brito, C; Rodriguez-Lauzurique, RM; Clase, J; Muñoz, M; Valerio, K; Thompson-Gari, L; Cabrera-Bou, V; Enríquez, EB; Valentín, LA; Pérez-Alvarez, O; Jimenez, A; Cordero, C; Velez-Vasquez, G (Santo Domingo, Dominican Republic)

P038 Coverage of influenza vaccine (2005–2016) in people living with HIV and receiving care in a tertiary care centre in Mexico City
Belaunzarán-Zamudio, PF*; Olmedo Reneaum, A; Galindo-Fraga, A; Sierra-Madero, J; Caro-Vega, Y; Huertas-Jiménez, M (Mexico City, Mexico)

P039 An interdisciplinary approach based on instant communications to diagnose and immediately treat acute HIV infection in a tertiary care hospital in Mexico City
Pérez-Patrigeon, S; Camiro-Zuñiga, A*; Belaunzarán-Zamudio, PF; Crabtree-Ramírez, B; Soto-Ramírez, L; Calva, J; Alanis-Vega, A; Escobedo-López, K; Remus-Galván, R; Caro-Vega, Y; Sierra-Madero, J (Mexico City, Mexico)

P040 HIV in older adults: prevalence and clinical characteristics
Córdova Hernández, GE*; Morales Saaavedra, ME; Negrete Martínez, J; Saldaña Villanueva, J; Malacara Nava, JM; Bueno Ríos, GI; Mosqueda Gómez, JL (León, Mexico)

Non-AIDS Morbidity and Mortality, and Ageing

P041 HIV and aging in Latin America: trends over time and clinical characteristics in the CCASAnet Cohort
Caro-Vega, Y*; Belaunzarán-Zamudio, PF; Crabtree-Ramírez, B; Shepherd, B; Mejia, F; Giganti, M; Grinsztejn, B; Wolff, M; Pape, JW; Padgett, D; Mc Gowan, C; Sierra-Madero, J; on behalf of the Caribbean, Central and South America network for HIV epidemiology (CCASAnet) (Mexico City, Mexico)

P042 Trends in late presentation to care and presentation with advanced HIV disease in Latin America
Beltrán, C*; Zitko, P; Belaunzarán-Zamudio, PF; Gonzalez, A; Greco, MM; Sussmann, O; Solano, A; Cevallos, N; Maquera, J; Mantilla, M (Santiago, Chile)

P043 Assessment and frequency of dyslipidaemia in a hospital HIV antiretroviral therapy program in Peru
Rondán, P*; Flores-Flores, O; Doria, NA; Valencia-Messias, G; Chávez-Pérez, V; Soria, J (Lima, Peru)

Opportunistic Infections

P044 Prevalence of fluconazole resistance in oropharyngeal candidiasis and clinical outcomes in a cohort of patients with HIV infection
Acosta, MC*; Vitale, R; Afeltra, J; Kundo, M; Viloria, G; Toibaro, J; Losso, M (Buenos Aires, Argentina)

Treatment Strategies and Outcomes

P045 Randomized trial of bictegravir or dolutegravir with FTC/TAF for initial HIV therapy
Campos Mendonça Silva, A*; Sax, P; DeJesus, E; Crofoot, G; Ward, D; Benson, P; Wei, X; White, K; Martin, H; Cheng, A; Quirk, E (São Paulo, Brazil)

P046 Epidemiology of HIV infection among a large cohort of patients followed in 17 HIV care centers from 10 Colombian cities, 2013–2015
Montilla, M*; Sussmann, O; Cheque, A; Arévalo, L; Martínez, PL; Echeverría, LF; Posada, MP; Álvarez, C; Valderrama, S; González, C; Lenis, W; Santamaría, YL; Pardo, JA; Galindo, J; Delgado, EG; Gómez, D; García, J; Orozco, S; Zuluaga, I; Uparela, G; Mueses, HF; Escandón-Vargas, K; Martínez-Buitrago, E (Bogotá, Colombia)

P047 Survival among people living with HIV according to timing of antiretroviral initiation in Mexico, 2000 to 2014
Sosa-Hernandez, O*; Piñerúa Menéndez, A (Mexico City, Mexico)

P048 Surveillance of HIV-1 subtype and antiretroviral resistance in Cuban individuals failing therapy during 2006–2016
Kourí, V*; Alamán, Y; Pérez, L; Martínez, J; Pérez, J; Fonseca, C; Ortega, L; Baños, Y; Pintos, Y; Soto, Y; Campos, J (Havana, Cuba)

*Indicates presenting author.
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### Viral Hepatitis

**P049** Real-world effectiveness of ledipasvir/sofosbuvir (LDV/SOF) in treatment-experienced cirrhotic genotype 1 patients with chronic hepatitis C (CHC): a comparative analysis of Gilead sponsored trials with four real-world cohorts (RWC)
Curry, M; Modi, A; Pungpapong, S; Leise, M; Agel, B; Chenonguer, N; Bassetti, E*; Llewellyn, J; Chang, J; Williams, L; Natha, M; Kreter, B; McNally, J; Brainard, D; Kohli, A; Wyles, D; Lee, Y; Reddy, R (São Paulo, Brazil)

**P050** Ledipasvir/edipasvir/sofosbuvir (LDV/SOF) for 8 weeks in genotype 1 (GT1) treatment-naive (TN) non-cirrhotic (NC) patients with HCV viral load (VL)
Buggisch, P; Peterson, J; Mauss, S; Kowdley, K; Curry, M; Ruane, P; Ain, D; Tsai, N; Lee, Y; Eggleton, E; Natha, M; Kreter, B; Brainard, D; Dutra, I; Palafox, A*; Ingiliz, P (Mexico City, Mexico)

**P051** High effectiveness and clinical safety with daclatasvir in real life
Morbey, A; Valente, C*; Serejo, F; Sarmento e Castro, R; Martins, A; Pedroto, I; Carvalho, A; Peixe, P; Maltez, F; Tato Marinho, R; Velosa, J (Coimbra, Portugal)

**P053** Hepatic fibrosis measured by transient elastography and access to treatment among Argentinian prisoners with chronic HCV
Ricart, JJ; Ameri, D; Caro, F; Padin, J; Medina, N; Frances, JL* (Buenos Aires, Argentina)

### Virology and Immunology

**P054** Need for strategies aimed at defective proviral pool
Samer, S*; Santillo, B; Namiyama, G; Janini, M; Sucupira, MCA; Diaz, RS (São Paulo, Brazil)

**P055** Phenotypic assay based on V3 region of HIV-1 gp120 envelope for viral tropism determination
Arif, MS*; Duarte, B; Mannmano, F; Tanuri, A; Janini, LM; Sucupira, MCA; Diaz, RS (São Paulo, Brazil)

**P056** The pace of co-receptor tropism switch in HIV-1-infected individuals after recent infection
Arif, MS*; Hunter, J; Leda, AR; Samer, S; Camargo, M; Galinkskas, J; Kallas, EG; Janini, LM; Sucupira, MCA; Diaz, RS (São Paulo, Brazil)

**P057** Analysis of HIV-1 tropism prediction through deep sequencing genotyping data in patients with treatment failure
Wong, T*; Duarte, B; Mariani, D; Boulosa, LT; Arruda, M; dos Santos Dutra, H; de Moraes Brindeiro, R (Rio de Janeiro, Brazil)

**P058** Genetic variability of HIV-1 in treated and untreated Cuban patients during 2016
Suárez Batista, A; Machado Zaldivar, L; Noa Romero, E; Díaz Torres, HM; Blanco de Armas, M; Martínez Fernández, L; Dubed Echevarría, M (Mayabeque, Cuba)

*Indicates presenting author.