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# HIV/AIDS, STD & STIS

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**Lia Monica Junie**

University of Medicine and Pharmacy Iuliu Hatieganu, Romania

## HIV infection, epidemiology, monitoring, diagnosis, therapy and prophylaxis aspects

**Background:** HIV infection is considered to be an international health problem. In the last five years, WHO and ECDC described in HIV/AIDS surveillance reports the pandemic evolution of the infection, with the increasing number of infected persons and the relative stable number of death in spite of the new antiretroviral therapy and new adherence protocols.

**Material and Method:** We made a review of the reported data concerning the HIV infection in Romania, presenting the specific aspects in Cluj-Napoca Regional Centre, which is the surveillance unit for the North-Western part of Romania. The presented data were collected between 1997 and 2017, including diagnosis, treatment, opportunistic infection, immunological evaluation, stadialization and outcome.

**Results:** In Romania, the first cases of AIDS in adults

were diagnosed in 1985 and in children in 1989. At the end of 2001, WHO and UNAIDS reported 6,500 cases of HIV/AIDS infection, of which 4,000 (61.5%) in children and 2,500 (38.5%) in adults. The route of transmission was nosocomial in 50.5% of cases (in most of the babies born in 1987-1990), transfusions (22.6%), unknown (15.1%), sexual (8.2%) and perinatal (3.7%). Among the transmitting ways of HIV, in 2016 & 2017, in children predominated the nosocomial, followed by maternal-fetal and blood infections and in adults, the heterosexual transmission predominated, followed by the drug users and by the blood and derivatives transmission.

**Conclusions:** The fact that HIV is predominantly sexually transmitted and disproportionately affects populations that are already socially or economically marginalized or both have many ethical, social, economic and political challenges.

### Biography

Lia Monica Junie is an MD, PhD and the professor at the Microbiology Department of Iuliu Hatieganu University of Medicine and Pharmacy, Cluj Napoca, Romania. She is leadership PhD doctor's thesis in Medicine field. She is a board member of European professional Societies ESCMID (ESGCP Study Groups), Society of Chemotherapy, Scientia Parasitologica Pro Vita and is reviewer of international reviews, Member of International organizations, director/coordinator in research projects. She has more than 65 papers published in full in international journals and is an editorial board member of national reviews. She is an organizer/president, keynote, invited speaker and Chair of International and National Congresses.

[monicajunie@yahoo.com](mailto:monicajunie@yahoo.com)

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