



BioMed Research International

Special Issue on
Aging in HIV Infection

CALL FOR PAPERS

With the use of combination antiretroviral therapy, the proportion of HIV-infected patients over the age of 50 has greatly increased.

In both Europe and USA, the proportion of HIV-infected patients who are ≥ 50 years of age has increased due to improved survival of younger infected individuals and increasing rates of infection among older persons. Thus, in the USA, HIV-infected people ≥ 50 years of age accounted for 28% of persons living with HIV infection in 2007 and are expected to account for 50% of living HIV-infected individuals by 2015. These older individuals are at increased risk for complications due to comorbid medical conditions that are exacerbated by the toxicities of long-term antiretroviral therapy, normal consequences of aging, and previously unforeseen complications of chronic HIV infection.

Moreover, compared with younger individuals, older untreated HIV patients demonstrate faster rates of CD4⁺ cell loss and more rapid progression to AIDS and death. With treatment, older patients showed less immunological recovery than younger subjects.

The treatment of older HIV-infected patients is further complicated by preexisting comorbid conditions including cardiovascular, hepatic, renal, osteoarticular, neurological, and metabolic complications that may be exacerbated by the direct or indirect effects of HIV infection (immunodeficiency and adverse effects of therapy).

We invite investigators to contribute original research articles as well as review articles that address the biological and environmental factors in elderly HIV patients, the treatment's management of comorbidities and opportunistic or coinfections of HIV in elder patients, and the markers/new markers of HIV aging.

Potential topics include but are not limited to the following:

- ▶ Biological alteration in older HIV population
- ▶ Age-associated comorbidities in HIV population
- ▶ Management of antiretroviral therapy in elderly HIV individuals
- ▶ The treatment of comorbidities in elderly HIV patients
- ▶ New markers/new markers' constellation to identify the high risk to rapid aging population

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/virology/ahivi/>.

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