ANRS CO3 Aquitaine Cohort

Organization
The Groupe d’Epidémiologie Clinique du SIDA en Aquitaine (GECSA) has implemented a hospital-based surveillance system of HIV infection in the Bordeaux University Hospital and eight other public hospitals in Aquitaine, South Western France, since 1987. All HIV-1 positive in- or outpatients of the participating clinic wards, aged over 13 and giving informed consent are thus reported on an ongoing basis. A standardized questionnaire with epidemiological, clinical, biological and therapeutic data is completed by physicians at each hospital contact. The ANRS CO3 Aquitaine Cohort is constituted by patients reported through this information system with longitudinal data available, i.e. at least one follow up visit after enrolment or a known date of death after initial reporting. A biological bank has been implemented in 2006.

Data as of December 31st, 2010
Among 7,404 Aquitaine Cohort participants accounting for 232,641 computerized observations and 59,235 person-years of follow-up, 3,360 patients were actively followed in 2010. In the same year, 114 patients were newly included in the cohort and 24 died. Among those under follow-up in 2010, 81.7% had an undetectable plasma HIV RNA viral load, median CD4+ T lymphocytes cell count was 557 cells/mm$^3$ (IQR 408-728) and 93.5% were on HAART.

Ongoing research topics
- Biological and clinical progression of HIV infection in the HAART era
- Ageing, occurrence of severe morbidities and mortality, with special focus on: malignancies, cognitive and muscular-skeletal impairment, renal impairment, bone abnormalities, co-infection with HCV and HBV and their impact on progression of HIV infection
- Biological and clinical tolerance of antiretroviral drugs, particularly those recently introduced in routine clinical practice, including genotypic and pharmacological determinants

Sponsorship
Supported in part by a grant from the French National Agency for AIDS and Hepatitis Research (ANRS), with additional support of the French Charity SIDACTION.

Principal Investigator
François Dabis, MD, PhD
Unité INSERM 897, Université Bordeaux Segalen
146 rue Léo-Saignat, Case 11 - 33076 Bordeaux cedex, France
Phone: (33) 5.57.57.14.36 Fax: (33) 5.57.57.45.28
E-mail: Francois.Dabis@isped.u-bordeaux2.fr