

Renaud BECQUET



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Fonction : Responsable pédagogique du Master Santé Internationale (CR1)

Spécialité : Santé Publique, Santé des populations : Epidémiologie

Parcours universitaire

2014

“Habilitation à diriger des recherches” in Public Health and Epidemiology

Institute of Public Health & Epidemiology, Bordeaux University, Bordeaux, France

2002 – 2005

PhD in Public Health and Epidemiology

Institute of Public Health & Epidemiology, University Victor Segalen, Bordeaux, France

Fellow of the French Ministry of Education, Research and Technology

2001 – 2002

Master of Public Health, Biostatistics and Epidemiology

Institute of Public Health & Epidemiology, University Victor Segalen, Bordeaux, France

2000 – 2001

Post-graduate diploma in Public Health

Institute of Public Health & Epidemiology, University Victor Segalen, Bordeaux, France

Professional experience as a researcher

Since 2014. **Principal Investigator of the WETIV-R Cohort**. A multi-country prospective intervention cohort (Côte d'Ivoire, Burkina Faso, Togo) aimed at aimed evaluating the integration of sexual and reproductive health services into HIV care.

Since 2013. **Principal Investigator of the leDEA West Africa “Women & Mothers” program**. A multi-country research program aimed at describing and better addressing health outcomes of HIV-infected women in west-Africa, with a focus on sexual and reproductive health outcomes, such as pregnancy intention, incidence and complications after ART initiation and its association with maternal disease progression.

Since 2013. **Associated investigator of the LJM cluster randomized trial**. A study aimed at increasing retention in care of HIV-positive women in PMTCT services through continuous quality improvement-breakthrough series in primary and secondary health care facilities in Nigeria.

2010 – 2013. **Principal Investigator (PI) or Investigator (I) of a series of epidemiological studies on:** Quality of Life among HIV-infected women (Abidjan, Côte d'Ivoire, 2010) (PI); Life events and intimate partner violence among women (Lomé, Togo, 2011) (PI); Visual impairment among HIV-infected patients (Abidjan, Côte d'Ivoire, 2012) (PI); HIV prevention and care among Men who have sex with men (Ho Chi Minh City, Vietnam, 2012) (I); Menstrual hygiene among schoolgirls in rural and urban settings (Lomé & Kpalimé, Togo, 2013) (I); Nationwide prevalence study of intimate partner violence among women (Dominican Republic, 2013) (I).

2008 – 2011. **Project leader of the ANRS 12200 UMA trial** (Côte d'Ivoire, Zambia). Safety and efficacy of the Efavirenz-Tenofovir-Emtricitabine and Zidovudine-Lamivudine-Lopinavir/ritonavir combinations in pregnant and breastfeeding women to prevent mother-to-child transmission of HIV-1 in resource-limited settings. A multicentre randomized phase III clinical trial.

2007 – 2008. **Principal investigator of the ARVAM-CI AntiRétroviraux et Allaitement Maternel en Côte d'Ivoire** (Abidjan, Côte d'Ivoire). Evaluation among breastfeeding women treated by HAART of the diffusion of antiretrovirals through breastmilk and assessment of the effect of antiretrovirals on breast-milk HIV-1 RNA and DNA loads.

2006 – 2007. **Invited researcher at the Africa Centre for Health and Population Studies** (University of KwaZulu Natal, Mtubatuba, South Africa – director: Prof. Marie-Louise Newell).

2003 – 2006. **Expert technical advisor in epidemiology and data analysis, MTCT Plus initiative** (Abidjan, Côte d'Ivoire).

2001 – 2006. **Co-investigator of the Ditrane Plus ANRS 1201/1202 study** (Abidjan, Côte d'Ivoire). Interventions aimed at the prevention of HIV transmission through breastmilk were evaluated within this study.

International collaborations with United Nations agencies

Co-chair of the WHO/UNICEF/UNAIDS working group on the estimation of survival of HIV-exposed, uninfected children (since 2014, UN focal point: Nigel Rollins).

Technical advisor in epidemiology and co-investigator of the two Nigerian studies part of the WHO Integration and Scaling Up PMTCT through Implementation REsearch (INSPIRE) initiative (since 2013, UN focal points: Nigel Rollins and Nathan Shaffer).

Core group member of the consolidated WHO guidelines development group on HIV & maternal and child health (2012-2013, UN focal point: Nathan Shaffer ; 2014-2015, UN focal point: Shaffiq Essajee).

Writer of the WHO guidelines entitled “Antiretroviral drugs for treating pregnant women and preventing HIV infection in infants: recommendations for a public health approach – 2010 version” (2010-2011, UN focal points: TinTin Sint and Nathan Shaffer).

Co-chair of the UNAIDS working group on the estimation of net survival of children HIV-infected perinatally and through breastfeeding (2009-2010, UN focal point: Peter Ghys).