

## Human Papillomavirus Infection in genital Women in four regions of Senegal

El Hadji Seydou Mbaye,  
International Agency for Research on Cancer, France



### Abstract

Cervical cancer is the most frequent cancer among women in Senegal. However, there are few data concerning the HPV types inducing neoplasia and cervical cancers and their prevalence, in the general population of Senegal. The aim of this study is to determine the prevalence of HPV infection in Senegalese women aged from 18 years and older.

A study was performed on 498 cervix samples collected from healthy women aged 18 and older in Dakar. 438 other samples were collected from three other regions, Thiès, Saint Louis and Louga. The samples were screened for 21 HPV genotypes using an HPV type-specific E7 PCR bead-based multiplex genotyping assay (TS-MPG) which is a laboratory-developed method for the detection of HPV.

The prevalence for pHR/HR-HPV in the region of Dakar was 20.68%. HPV 52 (3.21%) was the most prevalent HPV type, followed by HPV 16 (3.01%) and HPV 31 (3.01%). In the regions of Thiès, Louga and Saint Louis, the prevalence for pHR/HR-HPV was 29.19%, 23.15% and 20%, respectively.



### Biography:

Dr. El Hadji Seydou Mbaye was born in 1978 in Kaolack a region of Senegal. During 2008-2013, he earned his PhD in Biology and Human Pathologies with the collaboration of the International Agency for Research on Cancer (IARC) /WHO, Lyon (France); 2006-2007 : Master of Life and Health, Specialty Biology of microorganisms, Virology in Louis Pasteur University of Strasbourg (France); 2005-2006 : Master of Life and Health, option of Immuno-physiopathology in Louis Pasteur University of Strasbourg (France); 2004-2005 : License of Biochemistry in Louis Pasteur University of Strasbourg (France); 2002-2004 : General Degree in Sciences and

Technologies in University of METZ (France). He was certified, by the United Nations for Basic Notion of Security on the Ground-Protection, Health and behavior, by the International Agency for Research on Cancer (IARC)/World Health Organization, Lyon (France) for Safety Certificate. He has published 1 Book with a style of philosophical story. Author of the world program against cancer in low and middle incomes countries, he is lead author (first listed) of more than 90 peer-reviewed research articles published in reputed journals. He is Review Board Member of Acta Scientific Medical Sciences (ASMS), Acta Scientific Microbiology (ASMI), Research and Reviews on Healthcare: Open Access Journal (RRHOAJ), and Editorial Board Member of the Journal of Medicine and Medical Sciences (JMMS), Modern Journal of Medicine and Biology (MJMB), EC Microbiology, International Journal of Clinical Virology (IJCV), Acta Scientific Cancer Biology (ASCB), BioMed Research Journal (BMRJ), Journal of Medicine and Biology (JMB), Biomedical Research, International journal of vaccines and technologies (IJVT), Journal of Surgery, Operative Techniques and Anaesthesia (JSOTA), Current Research in Bioengineering & Biomedical Sciences (CRBBS), Journal of Women's Health, Gynecology & Obstetrics (JWHGO), Trauma & Emergency Care journal, Immune & Autoimmune Disorders Journal (IADJ), Annals of Advanced Biomedical Sciences (AABSc) and associate membership of the World Society for Virology, and also, member of BCNet International Working Group, International Agency for Research on Cancer (IARC)/World Health Organization (WHO).

[EuroScicon Conference on Cancer Stem Cell and Oncology Research](#) : August 24-25, 2020

### Abstract Citation:

El Hadji Seydou Mbaye; Louis Pasteur University of Strasbourg, France; CancerStemCell 2020, Webinar On cancer stem cell and oncology research ; August 24-25, 2020.