

## **Publications du laboratoire Oncovirologie**

1. Mazini L, Matar N, Bouhya S, Marzouk D, Anwar W, Khyatti M. Umbilical Cord Blood Banking for Transplantation in Morocco: Problems and opportunities. *J Stem Cells Regen Med.* 2014 Nov 28;10(2):28-37. eCollection 2014. Review. <http://www.pubstemcell.com epub/uploads/010020200001EPA180814.pdf>
  2. Hemminki K, Försti A, Khyatti M, Anwar WA, Mousavi M. Cancer in immigrants as a pointer to the causes of cancer. *Eur J Public Health.* 2014 Aug;24 Suppl 1:64-71.
  3. Anwar WA, Khyatti M, Hemminki K. Consanguinity and genetic diseases in North Africa and immigrants to Europe. *Eur J Public Health.* 2014 Aug;24 Suppl 1:57-63.
  4. Khyatti M, Trimbitas RD, Zouheir Y, Benani A, El Messaoudi MD, Hemminki K. Infectious diseases in North Africa and North African immigrants to Europe. *Eur J Public Health.* 2014 Aug;24 Suppl 1:47-56.
  5. Marzouk D, Abd El Aal W, Saleh A, Sleem H, Khyatti M, Mazini L, Hemminki K, Anwar WA. Overview on health research ethics in Egypt and North Africa. *Eur J Public Health.* 2014 Aug;24 Suppl 1:87-91.
  6. Gualdi-Russo E, Zaccagni L, Manzon VS, Masotti S, Rinaldo N, Khyatti M. Obesity and physical activity in children of immigrants. *Eur J Public Health.* 2014 Aug;24 Suppl 1:40-6.
  7. Toselli S, Gualdi-Russo E, Boulos DN, Anwar WA, Lakhoud C, Jaouadi I, Khyatti M, Hemminki K. Prevalence of overweight and obesity in adults from North Africa. *Eur J Public Health.* 2014 Aug;24 Suppl 1:31-9.
  8. Kassar H, Marzouk D, Anwar WA, Lakhoud C, Hemminki K, Khyatti M. Emigration flows from North Africa to Europe. *Eur J Public Health.* 2014 Aug;24 Suppl 1:2-5.
  9. Miri L, Wakrim L, Kassar H, Hemminki K, Khyatti M. Impact of Immigration on HIV-1 molecular epidemiology in West Africa, Maghreb and Southern Europe. *AIDS Rev.* 2014 Apr-Jun;16(2):109-16.
  10. Qmichou Z, Khyatti M, Berraho M, Ennaji MM, Benbacer L, Nejjari C, Benjaafar N, Benider A, Attaleb M, El Mzibri M. Analysis of mutations in the E6 oncogene of human papillomavirus 16 in cervical cancer isolates from Moroccan women. *BMC Infect Dis.* 2013 Aug 16;13(1):378.
  11. ElAmrani A, Moumad, Attaleb, Benhassou, Försti, Ennaji, El Mzibri, Khyatti. Absence of CHEK21100delC, R145W and I157T mutations in breast cancer in a Moroccan population. *Journal of Cancer Research and Treatment,* 2014 2 (1), pp 6-9.
  12. ElAmrani A, M.Khyatti, M.Attalleb, M.Benhassou, M.M. Ennaji, Breast Cancer: Current Data. Scienelib Editions Mersenne Volume 5, N° 131124 ISSN 2111-4706. Publié le 26-11-2013.
  13. ElAmrani A., M.M. Ennaji M.Benhassou, M.Attalleb, M.Mzibri, M.Corbex, T.Massimo, T.Gheit, M.Khyatti. Detection of human papillomavirus DNA in breast cancer in moroccan woman. *Annals of Oncology* 2013. doi: 10.1093/annonc/mdt086.12
  14. Qmichou, Ennaji, Amrani, El Fahime, Melloul, Meftah El khair, El Mzibri, Khyatti and Attaleb, Molecular Characterization of HPV16 E6 and E7 Variants among Women with Cervical Cancer in Morocco. *British Microbiology Research Journal* 3(4): 692-705, 2013.
  15. Berrada, Amzazi, Ameziane-El-Hassani, Benbacer, Abbar, Al-Bouzidi, Khyatti, El-Mzibri, Ameur, Attaleb. No evidence of correlation between p53 codon 72 polymorphism and risk of bladder cancer in Moroccan patients. *Clinical Cancer Investigation Journal* 2013, Vol 2, 302-306.
  16. Moumad, Lascorz, Bevier, Khyatti, Ennaji, Benider, Huhn, Lu, Chouchane, Corbex, Hemminki, Försti Genetic Polymorphisms in Host Innate Immune Sensor Genes and the Risk of Nasopharyngeal Carcinoma in North Africa. *G3 (Bethesda).* 2013 Jun 21;3(6):971-7.
  17. Berrada, Al-Bouzidi, Ameur, Abbar, El-Mzibri, Ameziane-El-Hassani, Benbacer, Khyatti, Qmichou, Amzazi, Attaleb, Human papillomavirus detection in Moroccan patients with Bladder cancer, *J Infect Dev Ctries.* 2013 Aug 15;7(8):586-92.
  18. Moumad, Laantri, Attaleb, Dardari, Benchakroun, Ennaji and Khyatti. Titre du chapitre: "Role of the EpsteinBarr virus ZEBRA protein and HPV in the carcinogenesis and diagnostic of Nasopharyngeal carcinoma" in the book:
- "Carcinogenesis, Diagnosis, and Molecular Targeted Treatment for Nasopharyngeal Carcinoma"  
Edited by Dr. Shih-Shun Chen, ISBN 978-953-307-867-0, pp 43-60, InTech, February 2, 2012.
19. El Mzibri, Attaleb, Ameziane El Hassani, Khyatti, Benbacer, Ennaji and Amrani, Titre du chapitre: "Evaluation  
of P53, p16INK4a and E-Cadherin Status as Biomarkers for Cervical Cancer Diagnosis". Titre du Livre:

"Cervical Cancer with an Advocacy for Prevention" edited by Rajamanickam Rajkumar, ISBN 978-953-510183-3, pp 195-214, InTech, March 3, 2012.

20. Berrada N, Amzazi S, Ameziane El Hassani R, Benbacer L, El Mzibri M, Khyatti M, Chafiki J, Abbar M, Al Bouzidi A, Ameur A, Attaleb M. Epigenetic alterations of adenomatous polyposis coli (APC), retinoic acid receptor (RAR $\beta$ ) and survivin genes in tumor tissues and voided urine of bladder cancer patients, *Cellular and Molecular Biology*. Sep 10; 58:1744-51, 2012.
21. Laantri N, Jalbout M, Khyatti M, Ayoub WB, Dahmoul S, Ayad M, Bedadra W, Abdoun M, Mesli S, Kandil M, Hamdi-Cherif M, Boualga K, Bouaouina N, Chouchane L, Benider A, Ben-Ayed F, Goldgar D, Corbex M. XRCC1 and hOGG1 genes and Risk of Nasopharyngeal Carcinoma in North African Countries," *Molecular Carcinogenesis*. Sep;50(9):732-7, 2011.
22. Laantri N, Attaleb M, Kandil M, Naji F, Mouttaki T, Dardari R, Belghmi K, Benchakroun N, El Mzibri M, Khyatti M. Human Papillomavirus Detection in Moroccan Patients with Nasopharyngeal Carcinoma. *Infectious Agent and Cancer*. Feb 25;6(1):3-6, 2011.
23. Laantri, Corbex, Dardari, Benider, El Gueddari, Khyatti Environmental, genetic and viral risk factors of nasopharyngeal carcinoma in North Africa, *Biomed Central Proceedings*, 5(Suppl 1):P30, 2011.
24. Laantri N, Corbex M, Dardari R, Benider A, El Gueddari B, Khyatti M. Epidemiological, genetic and immunovirological

peculiarities of nasopharyngeal carcinoma in North Africa. *Eurocancer* 2010, John Libbey eurotext, Paris, pp 127-128, 2010.

25. Naji F, Attaleb M, Laantri N, Benchakroun N, El Gueddari B, Benider A, Azeddoug H, Ennaji MM, El Mzibri M, Khyatti M. Identification of G2607A mutation in EGFR gene with a significative rate in moroccan patients with nasopharyngeal carcinoma. *Cellular and Molecular Biology*. Dec 15;56 1442-6, 2010.
26. El Hamdani W, Amrani M, Attaleb M, Laantri N, Ennaji MM, Khyatti M, El Mzibri M. EGFR, p16INK4a and Ecadherin immuno-histochemistry and EGFR point

- mutations analyses in invasive cervical cancer specimens from Moroccan women. *Cellular and Molecular Biology*. Sep 11;56, 1373-1384, 2010.
27. Attaleb M, El hamadani W, Khyatti M, Benbacer L, Benchekroun N, Benider A, Amrani M, and El Mzibri M, Status of p16INK4a and E-Cadherin Gene Promoter Methylation in Moroccan Patients With Cervical Carcinoma, *Oncology Research Featuring Preclinical and Clinical Cancer Therapeutics*, Vol. 18, pp.1-10, 2009.
  28. Feng BJ, Khyatti M, Ben-Ayoub W, Dahmoul S, Ayad M, Maachi F, Bedadra W, Abdoun M, Mesli S, Bakkali H, Jalbout M, Hamdi-Cherif M, Boualga K, Bouaouina N, Chouchane L, Benider A, Ben-Ayed F, Goldgar DE, Corbex M. Cannabis, Tobacco and domestic fumes intake are associated with nasopharyngeal carcinoma in North Africa. *British Journal of Cancer*. 6;101(7):1207-12, 2009.
  29. Dardari R, Menezes J, Drouet E, Joab I, Benider A, Bakkali H, Kanouni L, Jouhadi H, Benjaafar N, Gueddari BE, Hassar M, Khyatti M. Analyses of the prognostic significance of the Epstein-Barr virus transactivator ZEBRA protein and diagnostic value of its two synthetic peptides in nasopharyngeal carcinoma. *Journal of Clinical Virology*. 2008 ;41(2):96-103, 2008.
  30. Feng BJ, Jalbout M, Ayoub WB, Khyatti M, Dahmoul S, Ayad M, Maachi F, Bedadra W, Abdoun M, Mesli S, Hamdi-Cherif M, Boualga K, Bouaouina N, Chouchane L, Benider A, Ben Ayed F, Goldgar D, Corbex M. Dietary risk factors for nasopharyngeal carcinoma in Maghrebian countries. *International Journal of Cancer*. 1;121(7):1550-5, 2007.
  31. Dardari, R., M. Khyatti, P. Cordeiro, M. Odda, B. El Gueddari, M. Hassar and J. Menezes. High frequency of latent membrane protein 1 30pb-del variants with specific single mutations in Epstein-Barr virus associated nasopharyngeal carcinoma. *International Journal of Cancer*. 118, 1977–1983, 2006.
  32. Bouchrit, N., M. Khyatti, J. Nourlil, R. Dardari, S. Ibrahimy, N. Tordo, H. Bourhy et A. Benslimane. Déterminants de la rage humaine au Maroc : Variabilité génétique, ou prise en charge insuffisante. *Médecine et Maladies Infectieuses*.3 2 : 508-513, 2002.
  33. Dardari, R., W. Hinderer, D. Lang, A. Benider, B. El Gueddari, I. Joab, A. Benslimane and M. Khyatti. Antibody responses to recombinant Epstein-Barr virus antigens in nasopharyngeal carcinoma patients: complementary test of Zebra protein and early antigens p54 and p138. *Journal of Clinical Microbiology*, 39

(9): 3164-3170, 2001.

34. Takourt, B., B. de Barbeyrac, M. Khyatti, F. Radouani, C. Bebear, S. Dessus-Babus, C. Bebear and A. Benslimane. Direct genotyping and nucleotide sequence analysis of VS1 and VS2 of the Omp1 gene of Chlamydia trachomatis from Moroccan trachomatous specimens. *Microbes and Infections*. 3(6): 459-466, 2001.
35. Dardari, R., M. Khyatti, H. Jouhadi, A. Benider, H. Ettayebi, A. Kahlain, A. Mansouri, B. El Gueddari and A. Benslimane. Study of human leukocyte antigen class I phenotypes in Moroccan patients with nasopharyngeal carcinoma. *International Journal of Cancer*. 92(2): 294-297, 2001.
36. Dardari, R., M. Khyatti, A. Benider, H. Jouhadi, A. Kahlain, C. Cochet, A. Mansouri, B. El Gueddari, A. Benslimane and I. Joab. Antibodies to the Epstein-Barr virus transactivator protein (ZEBRA) as a valuable biomarker in young patients with nasopharyngeal carcinoma. *International Journal of Cancer*. 86(1): 71-75, 2000.
37. Khyatti, M., A. Ahmad, M. Blagdon, R. Frade and J. Menezes. Binding of the endogenously expressed Epstein-Barr virus (EBV) envelope glycoprotein gp350 with the viral receptor masks the major EBV-neutralizing epitope and affects gp350-specific ADCC. *Journal of Leukocyte Biology*. 64(2): 192- 197, 1998.
38. Khyatti, M., I. Stefanescu, M. Blagdon and J. Menezes. Epstein-Barr virus gp350-specific antibody titers and antibody-dependent cellular cytotoxic effector function in different groups of patients: A study using cloned gp350-expressing transfected human T cell targets. *The Journal of Infectious Diseases*. 170: 14391447, 1994.
39. Khyatti, M., I. Stefanescu and J. Menezes. Evidence for interleukin-2 (IL-2)-mediated control on EBV infected/transformed cells: effect exerted through effector cells with dual CD8+/CD16+ phenotype. Dans: "Epstein-Barr Virus and Associated Diseases". (T. Tursz, J.S. Pagano, D.V. Ablashi, G. de Thé, G. Lenoir and G.P. Pearson, eds.). INSERM/John Libbey Eurotext Ltd, vol. 225, pp. 325-332, 1993.
40. Khyatti, M., P. Patel and J. Menezes. Role of the Epstein-Barr virus (EBV) glycoprotein gp350 as a target antigen for EBV-specific cellular killing. Dans: "Epstein-Barr Virus and Human Disease". (D.V. Ablashi, A.T. Huang, J.S. Pagano, G.R. Pearson, and C.S. Yang eds.). Humana Press Inc. Clifton, N.J. pp. 201-206, 1990.
- « Le profil d'expression de la gp350 a été choisi pour apparaître sur la page couverture du livre Epstein- Barr Virus and Human Disease 1990 édité par D.V. Ablashi, A.T. Huang, J.S. Pagano, G.R. Pearson and C.S. Yang. »
41. Khyatti, M., P. Patel and J. Menezes. Establishment and characterization of Epstein-Barr virus gp350expressing

transfected human lymphoid (Raji) cell clones. *International Journal of Cancer*. 48: 591- 597, 1991.

42. Khyatti, M., P. Patel, I. Stefanescu and J. Menezes. Epstein-Barr virus (EBV) glycoprotein gp350 expressed on transfected cells resistant to natural killer cell activity serves as a target antigen for EBV- specific antibody-dependent cellular cytotoxicity. *Journal of Virology*. 65: 996-1001, 1991.
43. Khyatti, M and J. Menezes. The effect of Indomethacin, Prostaglandin E2 and Interferon on the multiplication of herpes simplex virus type 1 in human lymphoid cells. *Antiviral Research*. 14: 161-172, 1990.