

VIII – Titres des travaux scientifiques publiés :

www.cerbaso.org/textes/pubMed.htm

Prof. Jacques Simpoire has published over 150 scientific papers in journals with referees for "Impact Factor" total more than 250 items including three prestigious journals in the three following: "Nature," "Nature Genetics" and "Science". Prof. Simpoire holds two international patents for inventions. A patent on HIV, conducted with Professor Luc Montagnier, co-discoverer of HIV and Nobel Prize in Medicine (2008) and the other on a drug against hepatitis C.

GRANDES PUBLICATIONS SUR HÉMOGLOBINOPATHIES ET PALUDISME AU BURKINA FASO

MODIANO D., LUONI G., SIRIMA BS., SIMPOIRE J., VERRA F., KONATÉ A., RASTRELLI E., OLIVIERI A., CALISSANO C., PAGANOTTI GM., D'URBANO L., SANOU I., SAWADOGO A., MODIANO G., COLUZZI M., *Haemoglobin C protects against clinical Plasmodium falciparum malaria*. *Nature vol., 2001,414(6861):305-8.*

GOUAGNA LC, BANCONE G, YAO F, YAMEOGO B, DABIRÉ KR, COSTANTINI C, SIMPORÉ J., OUEDRAOGO JB, MODIANO D., *Genetic variation in human HBB is associated with Plasmodium falciparum transmission*. *Nat Genet., 2010, 42(4):328-31.*

CYRKLAFF M, SANCHEZ CP, KILIAN N, BISSEYE C, SIMPOIRE J., FRISCHKNECHT F, LANZER M. *Hemoglobins S and C interfere with actin remodeling in Plasmodium falciparum - infected erythrocytes*. *Science. 2011 Dec 2;334(6060):1283-6.*

PUBLICATIONS SCIENTIFIQUES

1 - SIMPOIRE J., PIGNATELLI S., BARLATI S., MALAGUARNERA M., MELI, C., MUSUMECI, 2002, *Nutrition and racial determinants of the rise in plasma homocysteine after methionine loading test*, *Current Therapeutic Research, 2002, 63(7) 459-473.*

2 - SIMPOIRE J., ANGIUS A, PERSICO I, SASSU A, PRODI DA, MUSUMECI S. *Methylenetetrahydrofolate reductase gene polymorphisms in Burkina Faso* . *Clin Chim Acta. 2005 Oct;360(1-2):199-200. PMID: 16014305 [PubMed - indexed for MEDLINE]*

3 - SIMPOIRE J., GRANATO M, SANTARELLI R, NSME RA, COLUZZI M, PIETRA V, PIGNATELLI S, BERE A, FAGGIONI A, ANGELONI A , *Prevalence of infection by HHV-8, HIV, HCV and HBV among pregnant women in Burkina Faso* . *J Clin Virol. 2004 Sep;31(1):78-80. PMID: 15288619 [PubMed - indexed for MEDLINE]*

- 4 - SIMPORE J, ILBOUDO D, DAMINTOTI K, SAWADOGO L, MARIA E, BINET S, NITIEMA H, OUEDRAOGO P, PIGNATELLI S, NIKIEMA JB. *Glucose-6-phosphate dehydrogenase deficiency and sickle cell disease in Burkina Faso. Pak J Biol Sci., 2007, 10(3):409-14.*
- 5 - SIMPORE J, ILBOUDO D, SAMANDOULOUGOU A, GUARDO P, CASTRONOVO P, MUSUMECI S. *HCV and HIV co-infection in pregnant women attending St. Camille Medical Centre in Ouagadougou (Burkina Faso). J Med Virol. 2005 Feb;75(2):209-12.PMID: 15602740 [PubMed - indexed for MEDLINE]*
- 6 - SIMPORE J, OUERMI D, ILBOUDO D, KABRE A, ZEBBA B, PIETRA V, PIGNATELLI S, NIKIEMA JB, KABRE GB, CALIGARIS S, SCHUMACHER F, CASTELLI F. *Aetiology of acute gastro-enteritis in children at Saint Camille Medical Centre, Ouagadougou, Burkina Faso. Pak J Biol Sci. 2009 Feb 1;12(3):258-63. PMID: 19579955 [PubMed - indexed for MEDLINE].*
- 7 - SIMPORE J, PIETRA V, PIGNATELLI S, KAROU D, NADEMBEGA WM, ILBOUDO D, CECCHERINI-SILBERSTEIN F, GHILAT-AVOID-BELEM WN, BELLOCCHI MC, SALERI N, SANOU MJ, OUEDRAOGO CM, NIKIEMA JB, COLIZZI V, PERNO CP, CASTELLI F, MUSUMECI S., *Effective program against mother-to-child transmission of HIV at Saint Camille Medical Centre in Burkina Faso. J Med Virol. 2007, 79(7):873-9.*
- 8 - SIMPORE J, SALVATORE PIGNATELLI, AND SALVATORE MUSUMECI *The effects of Spiruline on the immune functions of HIV-infected undernourished children, J Infect Developing Countries 2007; 1(2):112-117.*
- 9 SIMPORE J. - “*Les nouvelles frontières de la génétique et les risques d’eugénisme:Quelles pistes de réflexion pour la société ?*”, in *La génétique, au risque de l’eugénisme, Académie Pontificale pour la Vie, Mame Edifa, Paris, 2010.*
- 10 - SIMPORE J. *Origine des maladies infectieuses aujourd’hui: changements technologiques et industriels. Modifications et adaptations microbiennes . DOLENTIUM HOMINUM N. 64-2007.*
- 11 - SIMPORE J., *Questões culturais, biomédicas e éticas relativas a procriação nos casais serologicamente discrepantes relativamente ao vírus VIH , Acção Medica, Associação dos Médicos Católicos Portugueses, ANO LXX, Nº 2, 2006*
- 12 - SIMPORE J., *African personalism, Il personalismo nell'area culturale africana , Medicina e morale. Medicine et morale , May 2004 , vol. 54 , no 2 , pp. 353 - 360*
- 13 - SIMPORE J., *Eugenism and social humanization among the Moose, in The Dignity of the dying person, Pontificia Academia Pro Vita, Libreria Editrice Vatican, 1999, pp 348-354*
- 14 - SIMPORE J., *Génie génétique : enjeux thérapeutiques et éthique de la recherche biomédicale , Pontificia Academia Pro Vita, Libreria Editrice Vatican, 2003*
- 15 - SIMPORE J., *Génie génétique : procédés biotechnologiques, enjeux thérapeutiques, économiques et éthiques, Imprimerie du MSSRS, Ouagadougou septembre 2000, pp 1-98.*

- 16 - SIMPORE J., ILBOUDO D., KAROU D., PIETRA V., GRANATO M., ESPOSITO M., SANTARELLI R., PIGNATELLI S., BERE A. AND ANGELONI A., *Prevalence of HHV-8 infections associated with HIV, HBV and HCV in pregnant women in Burkina Faso* , **Journal of Medical Sciences**, 2006 (ISSN: 0146-6615) 6 (1):93-98.
- 17 - SIMPORE J., KABORE F., ZONGO F., DANSOU D., BERE A., PIGNATELLI S., BIONDI D., RUBERTO G., MUSUMECI S. *Nutrition rehabilitation of undernourished children utilizing Spiruline and MISOLA.*, **Journal of Nutrition**, 2006, 23;5(1):3, 1-7.
- 18 - SIMPORE J., *La globalisation: vers de nouvelles frontières pour une culture authentique de la vie*, **Pontificia Academia Pro Vita, Libreria Editrice Vatican**, 2001, pp 15 -20
- 19 - Jacques Simpoire, Eveline Compaore, Joseph Sawadogo , Florencia Djigma, Djen eba Ouermi, Marina Martinetto, Virginio Pietra, Fernando Fabó, Henk A.M.J. ten Have, Alberto García. *Human Immunodeficiency Virus Prevention among HIV -Serodiscordant Couples in Burkina Faso: Biomedical Issues, Bioethical and Cultural Challenges.* **World Journal of AIDS**, 2011, 1, 185-191; <http://www.scirp.org/journal/PaperInformation.aspx?paperID=8931>
- 20 - SIMPORE J., *Les problèmes de procréation chez les couples VIH sérodiscordants: enjeux culturels, biomédicaux et éthiques*, in **Pontificia Accademia Pro Vita, Vatican 2004**, pp 163 - 174.
- 21 - SIMPORE J., *Manipulation génétique de la vie et éthique de la recherche* , "**La Roccia**", Rome 2006. pp 1-135.
- 22 - SIMPORE J., NIKIEMA JB. , SAWADOGO L., PIGNATELLI S., BLOT I., BERE A., BARLATI S. et MUSUMECI S.,2003,*Prévalence des hémoglobinopathies HbS et HbC au Burkina*, **Burkina Médical**, 2003.
- 23 - SIMPORE J., NIKIEMA JB. et SIA D., 2003, *Médecine traditionnelle et prise en charge des personnes vivant avec le VIH : expérience du Centre Médical Saint Camille de Ouagadougou (Burkina Faso)*, **African Health Monitor, OMS/AFRO**, 2003, 4 (1) : 29-30.
- 24 - SIMPORE J., *Pathologies neurodégénératives et «qualité de vie» humaine* **Pontificia Academia Pro Vita, Libreria Editrice Vatican**, 2005
- 25 - SIMPORE J., PIETRA V., SAVADOGO A., PIGNATELLI S., NIKIEMA JB., NADEMBEGA WM., YARA J., ZOUNGRANA N., BAKOUAN D., COLIZZI V., CASTELLI F., MUSUMECI S. *Reduction of Mother-to-Child Transmission of HIV at Saint Camille Medical Centre in Burkina Faso*, **Journal of Medical Virology** 2006, 78(2):148 -152.
- 26 - SIMPORE J., PIGNATELLI S. AND MUSUMECI S.,2002, *Anthropological considerations on prevalence and fitness of b C and b S genotypes in Burkina Faso*, **International Journal of Anthropology**, 3-4, Vol 17: 139-152
- 27 - SIMPORE J., PIGNATELLI S., BARLATI S. AND MUSUMECI S., *Modification in the frequency of HbS and HbC in Burkina Faso: an influence of migratory fluxes and improvement of patient health care*, **Hemoglobin** 2002, 26 (2), 113-120.

- 28 - SIMPORE J., PIGNATELLI S., BARLATI S. AND MUSUMECI S, *Biological and clinical presentations of patients with hemoglobinopathies attending an urban hospital in Ouagadougou: confirmation of the balance between HbS and HbC in Burkina Faso*, **Hemoglobin**,2002, **26** (2),121-7
- 29 - SIMPORE J., PIGNATELLI S., BARLATI S., MALAGUARNERA M., MUSUMECI S., *Plasma Homocysteine Concentrations in Healthy Population Living in Burkina Faso*, **Current Therapeutic Research**, 2000, **61** (9), 659-668.
- 30 - Simpore J., *Prévention de la transmission verticale du VIH : enjeux biomédicaux Implications éthiques, juridiques et culturelles*, **Thèse de Doctorat. Université Regina Apostolorum**, 2009 .
- 31 - SIMPORE J., *Problèmes biomédicaux et éthiques posés par le mariage de personnes sérodiscordantes*, **Camillianum Anno I, terzo quadrimestre Décembre 2001, numéro 3**, pp533-544.
- 32 - SIMPORE J., SAVADOGO A., ILBOUDO D., NADAMBEGA MC., ESPOSITO M., YARA J., PIGNATELLI S., PIETRA V., MUSUMECI S. *Seroprevalence and co-infection of Toxoplasma gondii, HBV and HCV among HIV-infected and HIV-negative pregnant women in Burkina Faso*, **J. Med. Virol** 2006, **78**(6):730-3.
- 33 - SIMPORE J., *Thérapie génique : implications, perspectives et éthiques*, **Camillianum**, **11**, Roma 1995, pp 67-100.
- 34 - SIMPORE J., ZEBBA B., KAROU D., ILBOUDO D., PIGNATELLI S., NACOULMA OG., MUSUMECI S., 2008. *Epidemiology of antibiotic resistance in Burkina Faso* . **Ansia Pac. J. Trop Med.** **1** (2):1-6.
- 35 - SIMPORE J., ZONGO F., KABORE F., DANSOU D., BERE A., NIKIEMA JB., PIGNATELLI S., BIONDI DM., RUBERTO G., MUSUMECI S. *Nutrition Rehabilitation of HIV-Infected and HIV-Negative Undernourished Children Utilizing Spirulina* . **Annals of Nutrition and Metabolism** 2005, **49**(6):373-380.
- 36 - SIMPORE JACQUES ; *Ilboudo Monique, l'Anthropologie des Mossi et défis actuels du droit à la vie*, **Pontificia Academia Pro Vita, Libreria Editrice Vatican**, p168 -175, 2002
- 37 - KAROU DS., NADEMBEGA WMC., ILBOUDO DP., OUERMI D., GBEASSOR M., DE SOUZA C. AND SIMPORE J., *Sida acuta burm. f.: a medicinal plant with numerous potencies*. **African journal of biotechnology** 2007,6 (25):2953 -2959.
- 38 - KAROU SD, ILBOUDO IP, NADEMBEGA WM, AMEYAPOH Y, OUERMI D, PIGNATELLI S, PIETRA V, TRAORE AS, DE SOUZA C, SIMPORE J. *Antibiotic resistance in urinary tract bacteria in Ouagadougou*. **Pak J Biol Sci.** 2009 **May 1**;12(9):712-6
- 39 - KAROU SD, NADEMBEGA MC, ZEBBA B, ILBOUDO DP, OUERMI D, PIGNATELLI S, PIETRA V, GBEASSOR M, DE SOUZA C, SIMPORE J. *Evolution of antibiotic-resistance Staphylococcus aureus in Saint Camille Medical Centre in Ouagadougou* , **Med Trop (Mars)**. 2010 **Jun**;70(3):241-4.

- 40 - KAROU SD, SANOU D, OUERMI D, PIGNATELLI S, PIETRA V, MORET R, NIKIEMA JB, SIMPORE J, *Enteric parasites prevalence at Saint Camille Medical Centre in Ouagadougou, Burkina Faso*, **Asian Pac J Trop Med.** 2011, 4(5):401 -3.
- 41 - KAROU SIMPLICE D., TCHADJOBOTCHACONDO, DENISE P. ILBOUDO AND J. SIMPORE. *Sub-Saharan Rubiaceae: A Review of Their Traditional Uses, Phytochemistry and Biological Activities*. **Pak J Biol Sci.** 2011 Feb 1;14(3):149 -69.
- 42 - KOUAMÉ J., C. GNOULA, E. PALÉ, H. BASSOLÉ, I. P. GUISSOU, J. SIMPORÉ, J.-B. NIKIÉMA. *Etude des propriétés cytotoxiques et anti-radicalaires d'extraits de feuilles et de galles de Guiera senegalensis J. F. Gmel (Combretaceae)*. **Science et technique, Sciences de la santé**, 2009, 32 (1 et 2) : 9-23.
- 43 - KOUANDA S, TOUGRI H, CISSE M, SIMPORE J, PIETRA V, DOULOUGOU B, OUEDRAOGO G, OUEDRAOGO CM, SOUDRE R, SONDO B. *Impact of maternal HAART on the prevention of mother-to-child transmission of HIV: results of an 18-month follow-up study in Ouagadougou, Burkina Faso*. **AIDS Care.**2010,2(7):843-5.
- 44 - KOUDOUVO K, KAROU DS, KOKOU K, ESSIEN K, AKLIKOKOU K, GLITHO IA, SIMPORE J, SANOGO R, DE SOUZA C, GBEASSOR M. *An ethnobotanical study of antimalarial plants in Togo Maritime Region*. **J Ethnopharmacol.** 2011 Mar 8;134(1):183-90.
- 45 - KOUDOUVO K, KAROU SD, ILBOUDO DP, KOKOU K, ESSIEN K, AKLIKOKOU K, DE SOUZA C, SIMPORE J, GBÉASSOR M. *In vitro antiplasmodial activity of crude extracts from Togolese medicinal plants*. **Asian Pac J Trop Med.** 2011 Feb;4(2):129 -32.
- 46 - KY JM, GNOULA C, ZERBO P, SIMPORE J, NIKIEMA JB, CANINI A, MILLOGO-RASOLODIMBY J. *Study of floristic diversity and the structural dynamics of some species providers of non woody forest products in the vegetable formations of the Centre East of Burkina Faso*. **Pak J Biol Sci.** 2009 Jul 15;12(14):1004-11.
- 47 - KY JM, ZERBO P, GNOULA C, SIMPORE J, NIKIEMA JB, MILLOGO-RASOLODIMBY J. *Medicinal plants used in traditional medicine in the centre east region of Burkina Faso* . **Pak J Biol Sci.** 2009, 12(19):1287-98.
- 48 - LATORA V, NYAMBA A, SIMPORE J, SYLVETTE B, DIANE S, SYLVÁ©RE B, MUSUMECI S. *Network of sexual contacts and sexually transmitted HIV infection in Burkina Faso*. **J Med Virol.** 2006 Jun;78(6):724-9. PMID: 16628573 [PubMed - indexed for MEDLINE].
- 49 - MALAGUARNERA L, IMBESI RM, PIGNATELLI S, SIMPORE J, MALAGUARNERA M, MUSUMECI S. *Increased levels of interleukin-12 in Plasmodium falciparum malaria: correlation with the severity of disease*. **Parasite Immunol.** 2002 Jul;24(7):387 -9.
- 50 - MALAGUARNERA L, PIGNATELLI S, MUSUMECI M, SIMPORE J, MUSUMECI S. *Plasma levels of interleukin-18 and interleukin-12 in Plasmodium falciparum malaria*. **Parasite Immunol.** 2002 Sep-Oct;24(9-10):489-92.PMID: 12654091 [PubMed - indexed for MEDLINE]
- 51 - MALAGUARNERA L, PIGNATELLI S, SIMPORE J, MALAGUARNERA M, MUSUMECI S. *Plasma levels of interleukin-12 (IL-12), interleukin-18 (IL-18) and transforming growth factor beta (TGF-beta) in Plasmodium falciparum malaria*. **Eur Cytokine Netw.** 2002 ;13(4):425 -30.

- 52 - MALAGUARNERA L. , SIMPORE J., PRODI DA., ANGIUS A., SASSU A., PERSICO I., BARONE R., MUSUMECI S., *A 24-base pair duplication in exon 10 of Human Chitotriosidase gene from the sub-Saharan to the Mediterranean area: role of parasitic diseases and environmental conditions*, ***Genes and Immunity***,2003, 4(8):570-4.
- 53 - MATTEELLI A, SALERI N, VILLANI P, BONKOUNGOU V, CARVALHO AC, KOUANDA S, SANOU MJ, SIMPORÉ J, MONNO L, CAROSI G, REGAZZI M, DEMBELE M. *Reversible reduction of nevirapine plasma concentrations during rifampicin treatment in patients coinfecting with HIV-1 and tuberculosis*. ***J Acquir Immune Defic Syndr***. 2009, 52(1):64-9.
- 54 - MODIANO D, BANCONE G, CIMINELLI BM, POMPEI F, BLOT I, SIMPORÉ J, MODIANO G. *Haemoglobin S and haemoglobin C: 'quick but costly' versus 'slow but gratis' genetic adaptations to Plasmodium falciparum malaria* . ***Hum Mol Genet***. 2008;17(13):2070.
- 55 - MODIANO D., LUONI G. , SIRIMA BS. , LANFRANCOTTI A. , PETRARCA V., SIMPORE J. , CIMINELLI BM., CRUCIALI F., FOGLIETTA E. , GRISANTI P., BIANCO I. , COLUZZI M.,2001, *The lower susceptibility to Plasmodium falciparum malaria of the Fulani ethnic group is not associated with classic malaria resistance genes*, ***Trans. of the royal society of tropic medicine and hygiene***, 95, 149-152.
- 56 - MODIANO D., LUONI G., PETRARCA V. , SIRIMA BS., SIMPORE J., BIANCO I. , COLUZZI M., GUIDO M., *HLA class I in three West African ethnic groups: genetic distances from sub-Saharan and Caucasoid populations*, ***Tissue Antigens***, 2001, 57: 128-137.
- 57 - MODIANO D., LUONI G., SIRIMA BS., SIMPORE J., VERRA F., KONATÉ A., RASTRELLI E., OLIVIERI A., CALISSANO C., PAGANOTTI GM., D'URBANO L., SANOU I., SAWADOGO A., MODIANO G., COLUZZI M., *Haemoglobin C protects against clinical Plasmodium falciparum malaria* . ***Nature vol.***, 2001,414(6861):305-8.
- 58 - MUSUMECI M, BETTA P, MAGRO E, ISAIA T, SIMPORE J, ROMEO DM, MUSUMECI S. *S100B concentration in colostrums of Burkinabe and Sicilian women* . ***Nutr Metab (Lond)***. 2008, 22;5:15.
- 59 - MUSUMECI M, MALAGUARNERA L, SIMPORE J, BARONE R, WHALEN M, MUSUMECI S. *Chitotriosidase activity in colostrum from African and Caucasian women* . ***Clin Chem Lab Med***. 2005;43(2):198-201.PMID: 15843217 [PubMed - indexed for MEDLINE]
- 60 - MUSUMECI M, PALANO G.M, CASTRONUOVO P, PIETRA V, SIMPORE J, AND MUSUMECI S. *Human Immunodeficiency Virus Type-1 and cytokines in colostrum from HIV-infected mothers in Burkina Faso* . ***J Infect Dev Countr***. 2007; 1(1):25-29.
- 61 - MUSUMECI M, SIMPORE J, BARONE R, ANGIUS A, MUSUMECI S. *Synchronic macrophage response and Plasmodium falciparum malaria*. ***J Vector Borne Dis***.2006, 43(2):84-7.
- 62 - MUSUMECI M, VADALÀ G, TRINGALI G, INSIRELLO E, ROCCAZZELLO AM, SIMPORE J, MUSUMECI S. *Genetic and environmental factors in human osteoporosis from Sub-Saharan to Mediterranean areas*.***J Bone Miner Metab***. 2009; 27(4):424-34.

- 63 - MUSUMECI M., MALAGUARNERA L., SIMPORE J., MESSINA A., MUSUMECI S., *Modulation of immune response in P. falciparum malaria: role of IL -12, IL-18 and TGFb, Cytokine, 2003, 21, 4: 172-178.*
- 64 - MUSUMECI M., SIMPORE J., BARONE R., ANGIUS A., MALAGUARNERA L. , MUSUMECI S., *Synchronic macrophage response and Plasmodium falciparum malaria, Pakistan Journal of Biological Sciences , 2005 (ISSN: 1028 -8880), 8 (7) : 954-958.*
- 65 - MUSUMECI M., SIMPORE J., D'AGATA A., SOTGIU S., MUSUMECI S.. *Oligosaccharides in Colostrum from Italian and Burkinabe Women , Journal of Pediatric Gastroenterology and Nutrition, 2006, 43(3):372 -8*
- 66 - NADEMBEGA W.M., GIANNELLA S., SIMPORE J., CECCHERINI-SILBERSTEIN F., PETRA V, BERTOLI A., PIGNATELLI S., BELLOCCHI, NIKIEMA J.B., CAPPELLI G., BERE A., COLIZZI V., PERNO CP. AND MUSUMECI S. *Characterization of M.C. Drug-Resistance Mutations in HIV-1 Isolates From Non-HAART and HAART Treated Patients in Burkina Faso, J. Med. Virol., 2006, 78 (11):1385 -91.*
- 67 - NAGALO BM, BISSEYE C, SANOU M, NEBIE YK, KIBA A, KIENOU K, ZONGO JD, SIMPORE J, *Seroprevalence and incidence of transfusion-transmitted infectious diseases among blood donors from regional blood transfusion centers in Burkina Faso , Trop Med Int Health. 2011 Oct 12. doi: 10.1111/j.1365-3156.2011.02902.x*
- 68 - NAGALO M, SANOU M, BISSEYE C, KABORÉ MI, NY, KIENOU K, KIBA A, DAHOUROU H, OUATTARA S, ZONGO JD AND SIMPORÉ J., *Diagnostic moléculaire du virus de l'immunodéficience humaine acquise (VIH) sur les pools de plasmas de do nneurs de sang au centre régional de transfusion sanguine de Ouagadougou (CRST -O), Burkina Faso. Med Trop (Mars). 2011 Apr;71(2):137-41.*
- 69 - NAGALO M, SANOU M, BISSEYE C, KABORÉ MI, NY, KIENOU K, KIBA A, DAHOUROU H, OUATTARA S, ZONGO JD AND SIMPORÉ J. *Seroprevalence of Human Immunodeficiency Virus (HIV), Hepatitis B and C viruses (HBV and HCV) and Syphilis among blood donors in Koudougou (Burkina Faso) in 2009. Blood Transfus. 2011 Jul 18;4(1):1-6. doi: 10.2450/2011.0112-10.*
- 70 - NIKIEMA JB, SANOU I, DJIERRO K, SIMPORE J, SOURABIE S, SANGARE, LOMPO M, NAJADA S, GUISSOU IP, KOUDOGBO B. *Évaluation de l'activité antibactérienne de plantes médicinales de la pharmacopée traditionnelle du Burkina Faso : cas d'Acacia nilotica var Adansonii Guill. et Per. (Mimosaceae), Annales de l'Université de Ouagadougou, 2008, Série D, Vol. 006 : 164-173.*
- 71 - NIKIEMA JB, SIMPORE J, SIA DJ, DJIERRO K, GUISSOU IP, KASILO OMJ , *L'introduction des plantes médicinales dans le traitement de l'infection à VIH : une approche réussie au Burkina Faso, African Traditional medecine, 2010, august 31, 47 -51.*
- 72 - NIKIEMA J.B. , K. DJIERRO , J. SIMPORE , D. SIA , S. SOURABIE , C. GNOULA ET I.P. GUISSOU. *Stratégie d'utilisation des substances naturelles dans la prise en charge des pers onnes vivant avec le VIH: expérience du Burkina Faso. Ethnopharmacologia, 2009, n°43 : 48-51.*

- 73 - NITIEMA LW, DIANOU D, SIMPORE J, KAROU SD, SAVADOGO PW, TRAORE AS. *Isolation of a tannic acid-degrading Streptococcus sp. from an anaerobic shea cake dig ester. Pak J Biol Sci. 2010 Jan 1;13(1):46-50.*
- 74 - NITIEMA LW, NORDGREN, OUERMI D, DIANOU D, TRAORE AS, SVENSSON L, SIMPORE J, *Burden of rotavirus and other enteropathogens among children with diarrhea in Burkina Faso, Int J Infect Dis. 2011 Sep;15(9):e646-52. Epub 2011 Jul 16.*
- 75 - OMBRA MN, MUSUMECI M, SIMPORE J, PALANO GM, MUSUMECI S. *beta-Endorphin concentration in colostrums of Burkinabe and Sicilian women . Nutrition. 2008; 24(1):31-6.*
- 76 - OUATTARA L., J. KOUDOU, D.S. KAROU, L. GIACO, G. CAPELLI , J. SIMPORE, M. FRAZIANO, V. COLIZZI AND A.S. TRAORE, *In vitro Anti Mycobacterium tuberculosis H37Rv Activity of Lannea acida A. Rich from Burkina Faso. Pakistan Journal of Biological Sciences.2011, 14 (1): 47-52.*
- 77 - OUATTARA Y., SAKANDE B. , SIMPORE J., SAWADOGO L., *Effets des traitements chroniques aux extraits de plantes hepatotropes face a une hepatotoxicite aigue expérimentale chez la souris, Annales Université de Ouagadougou, 2002, Vol 25 - n° 2*
- 78 - OUEDRAOGO CM, DJIGMA FW, BISSEYE C, SAGNA T, ZEBA M, OUERMI D, KAROU SD, PIETRA V, BUELLI F, GHILAT-AVOID-BELEM NW, SANOGO K, SEMPORE J, MORET R, PIGNATELLI S, NIKIEMA JB, SIMPORE J, *Épidémiologie et caractérisation des génotypes de papillomavirus humain dans une population de femmes à Ouagadougou u, J Gynecol Obstet Biol Reprod (Paris). 2011 Nov;40(7):633 -8*
- 79 - OUERMI D, KAROU D, ILBOUDO D, NADEMBEGA C, PIETRA V, BELEM AM, SIMPORE J, KABRE GB, SAWADOGO L., *Prevalence of rotavirus, adenovirus and enteric parasites among pediatric patients attendin g Saint Camille Medical Centre in Ouagadougou . Pak J Biol Sci. 2007 Dec 1;10(23):4266-70.*
- 80 - OUERMI D, SIMPORE J, BELEM AM, SANOU DS, KAROU DS, ILBOUDO D, BISSEYE C, ONADJA SM, PIETRA V, PIGNATELLI S, GNOULA C, NIKIEMA JB, KABRE GB. *Co-infection of Toxoplasma gondii with HBV in HIV-infected and uninfected pregnant women in Burkina Faso. Pak J Biol Sci. 2009 Sep 1;12(17)*
- 81 - PIETRA V, KIEMA D, OUERMI D, SAGNA T, SORGHO D, CASTELLI F, SIMPORE J., *Prévalence des marqueurs du virus de l'hépatite B et d es anticorps contre le virus de l'hépatite C parmi le personnel du District Sanitaire de Nanoro, Burkina Faso. Revue Science et Santé, 2008, vol.1-2 (31) 53-59.*
- 82 - PIGNATELLI S, SIMPORE J, PIETRA V, OUEDRAOGO L, CONOMBO G, SALERI N, PIZZOCOLO C, DE IACO G, TALL F, OUIMINGA A, CAROSI G, CASTELLI F. *Factors predicting uptake to Voluntary Counselling and Testing (VCT) in a PMTCT Reference Center in Ouagadougou (Burkina Faso). A two-year experience, Tropical Medicine and International Health, 2006,11(3):350-7.*
- 83 - PIGNATELLI S., SIMPORE J., MUSUMECI S, *Effectiveness of forced rehydration and early re-feeding in the treatment of acute diarrhoea in a tropical area , Minerva Pediatr. 2000, 52 (7-8): 357-66.*

- 84 - SAGNA T, BISSEYE C, SANOU DS., DJIGMA F, OUERMI D, PIETRA V, PIGNATELLI S, KABRE A, GNOULA C, SIA JD, NIKIEMA JB, SIMPORE J., *Diagnostic précoce, par RT/PCR, du VIH-1 chez les enfants nés des mères séropositives .* **Revue Science et Santé**, 2008, 1-2 (31): 29-36.
- 85 - SAGNA T., F. DJIGMA, M. ZEBA, C. BIS SEYE, S.D. KAROU, D. OUERMI, V. PIETRA, C. GNOULA, K. SANOGO, J.B. NIKIEMA AND J. SIMPORE. *Human Papillomaviruses Prevalence and Genital Co-infections in HIV-seropositive Women in Ouagadougou (Burkina Faso).* **Pakistan Journal of Biological Sciences**, 2010, 13 (19) : 951-955.
- 86 - SALERI N, CAPONE S, PIETRA V, DE IACO G, DEL PUNTA V, RIZZI M, LEVI M, ROUAMBA S, SOMÉ E, SIMPORÉ J, PATRONI A, CAROSI G, CASTELLI F. *Outcome and predictive factors of mortality in hospitalized HIV-patients in Burkina Faso.* **Infection**. 2009 37(2):142-7.
- 87 - SERME AK, ILBOUDO PD, SAMANDOULGOU A, SIMPORE J, BOUGOUMA A, SOMBIE AR. [*Prevalence of Hepatitis C virus infection in pregnant women and mother -child transmission in Ouagadougou, Burkina Faso*] **Bull Soc Pathol Exot.** 2006 May;99(2):108-9.
- 88 - STUBBS J, OLUGBILE S, SAIDOU B, SIMPORE J, CORRADIN G, LANZAVECCHIA A. *Strain-transcending Fc-dependent killing of P. falciparum by MSP2 allele -specific human antibodies.* **Infect Immun.** 2011 Mar;79(3):1143 -52
- 89 - TOMASONIA. L.R., M. GALLI, S. DECLICH D, V. PIETRA, F. CROCE, S. PIGNATELLI, M. FABIANID, J. SIMPORÉ, M. MABILIAG, E.O. AYELLAH, C. CARACCILOI, G. RUSSOJ, G. GUARALDIK, M.N. GAMBIRASIO, V. VULLOJ, F. CASTELLI. *Knowledge, attitudes and practice (KAP) regarding new born feeding modalities in HIV-infected and HIV-uninfected pregnant women in sub-Saharan Africa: a multicentre study.* **International Health** 3 (2011) 56-65
- 90 - VERRA F, BANCONE G, AVELLINO P, BLOT I, SIMPORÉ J, MODIANO D. *Haemoglobin C and S in natural selection against Plasmodium falciparum malaria: a plethora or a single shared adaptive mechanism?* **Parassitologia.** 2007,49(4):209 -13
- 91 - VERRA F, SIMPORE J, WARIMWE GM, TETTEH KK, HOWARD T, OSIER FH, BANCONE G, AVELLINO P, BLOT I, FEGAN G, BULL PC, WILLIAMS TN, CONWAY DJ, MARSH K, MODIANO D. 2007. *Haemoglobin C and S role in acquired immunity against Plasmodium falciparum malaria.* **PLoS One.** 2007 Oct 3;2(10):e978..
- 92 - ZEBA B, DE LUCA F, DUBUS A, DELMARCELLE M, SIMPORÉ J, NACOUлма OG, ROSSOLINI GM, FRÈRE JM, DOCQUIER JD. *Characterization of IND-6, a Highly Divergent IND-type Metallo-β-lactamase from Chryseobacterium indologenes strain 597 isolated in Burkina Faso.* **Antimicrob Agents Chemother** 2009. 53(10):4320 -6.
- 93 - ZEBA B, KIENDRÉBEOGO M, LAMIEN A, DOCQUIER JD, SIMPORÉ J, NACOUлма OG. *Major enzymatic factors involved in bacterial penicillin resistance in Burkina Faso.* **Pak J Biol Sci.** 2007 Feb 1;10(3):506-10. PMID: 19069526 [PubMed - indexed for MEDLINE] Related citations.

- 94 - ZEBBA B., SIMPORE J., NACOULMA OG, *Production of beta-lactamase form clinical isolates*, *Antibiotiques*, 2005, (ISSN: 1294-5501),; 7: 183-190.
- 95 - ZEBBA B., SIMPORE J., NACOULMA OG., *Identification of metallo-beta-lactamase from a clinical isolate at Saint Camille Hospital Center of Ouagadougou/ Burkina Faso*, *African Journal of Biotechnology*, 2005, (ISSN: 1684-5315) Vol. 4 (3), pp. 286-288.
- 96 - ZEBBA B., SIMPORE J., NACOULMA OG., 2007. β -lactamase molecular classes linked to production ways from clinical isolates in Burkina Faso/ West Africa, *Journal of Applied Sciences*, 2007, (ISSN 1812-5654) 7(1) :98-102.
- 97 - ZEBBA B., SIMPORE J., NACOULMA OG., FRERE JM., Sept. 2004. *Prevalence of blaSHV genes in clinical isolates of Klebsiella pneumoniae at Saint Camille medical Center in Ouagadougou, Isolation of blSHV11-like gene*, *African Journal of Biotechnology* (ISSN: 1684-5315), Vol. 3 (9), pp. 477-480.
- 98 - ZEBBA MT, KAROU SD, SAGNA T, DJIGMA F, BISSEYE C, OUERMI D, PIETRA V, PIGNATELLI S, GNOULA S, SIA JD, MORET R, NIKIEMA JB, SIMPORE J., *HCV prevalence and co-infection with HIV pregnant women in Saint Camille Medical Centre, Ouagadougou*, *Trop Med Int Health*. 2011 Jul 18. doi: 10.1111/j.1365-3156.2011.02845.x. [Epub ahead of print] PMID: 21762293.
- 99 - KAROU SD, TCHACONDO T., TCHIBOZO MAD, ABDOUL-RAHAMAN S, ANANI K, KOUDOUVO K, BATAWILA K, AGBONON A, SIMPORE J., DE SOUZA C. *Ethnobotanical study of medicinal plants used in the management of diabetes mellitus and hypertension in the Central Region of Togo*. *Pharmaceutical Biology*, 2011; 49(12): 1286–1297.
- 100 - Karou SD, Tchacondo T, Djikpo Tchibozo MA, Abdoul-Rahaman S, Anani K, Koudouvo K, Batawila K, Agbonon A, Simpore J., de Souza C. *Ethnobotanical study of medicinal plants used in the management of diabetes mellitus and hypertension in the Central Region of Togo* . *Pharm Biol*. 2011 Dec;49(12):1286-97.
- 101 - BISSEYE C, YINDOM LM, SIMPORÉ J., MORGAN WD, HOLDER AA, ISMAILI J. *AN ENGINEERED PLASMODIUM FALCIPARUM C-terminal 19-kilodalton merozoite surface protein 1 vaccine candidate induces high levels of interferon-gamma production associated with cellular immune responses to specific peptide sequences in Gambian adults naturally exposed to malaria*. *Clin Exp Immunol*. 2011 Dec;166(3):366-73. doi: 10.1111/j.1365-2249.2011.0446
- 102 - Karou SD, Tchacondo T, Ouattara L, Anani K, Savadogo A, Agbonon A, Attaia MB, de Souza C, Sakly M, Simpore J. *Antimicrobial, antiplasmodial, haemolytic and antioxidant activities of crude extracts from three selected Togolese medicinal plants*. *Asian Pac J Trop Med*. 2011 Oct;4(10):808-13.
- 103 - Zoenabo Douamba, Marina Martinetto, Virginio Pietra, Salvatore Pignatelli, Fabian Schumacher, Jean-Baptiste Nikiema and Jacques Simpoire. *Effects of a Cereal and Soy Dietary Formula on Rehabilitation of Undernourished Children at Ouagadougou, in Burkina Faso*. *J Nutr Metab*. 2012;2012:764504. Epub 2011 Nov 28.

- 104 - FABIO BUELLI, VIRGINIO PIETRA, RICHARD FABIAN SCHUMACHER, JACQUES SIMPORE, SALVATORE PIGNATELLI, FRANCESCO CASTELLI. *Effectiveness of the Regular Implementation of the Mother to Child Transmission Plus (MTCTPlus) Program in Burkina Faso, West Africa*. the book *Understanding HIV/AIDS Management and Care - Pandemic Approaches in the 21st Century*, ISBN 978-953-307-603-4, edited by Fyson Hanania Kasenga. http://www.cerbafaso.org/textes/publications/124_mother_to_child_transmission_mt_ct.pdf
- 105 - ANGIUS A., SIMPORE J., PERSICO I. SASSU A., PRODI DA., AND MUSUMECI S. *Methylenetetrahydrofolate Reductase Gene polymorphisms in Burkina Faso: Impact on plasma fasting homocysteine and after methionine loading test*, *Clinical Laboratory*, 2007, 52 (11/12).
- 106 - BARONE R, BERTRAND G, SIMPORE J, MALAGUARNERA M, MUSUMECI S. *Plasma chitotriosidase activity in beta-thalassemia major: a comparative study between Sicilian and Sardinian patients*. *Clin Chim Acta*. 2001 Apr;306(1-2):91-6.PMID: 11282098 [PubMed - indexed for MEDLINE]
- 107 - BARONE R, SIMPORE J, MALAGUARNERA L, PIGNATELLI S, MUSUMECI S. *Plasma chitotriosidase activity in acute Plasmodium falciparum malaria*. *Clin Chim Acta*. 2003 May;331(1-2):79-85.
- 108 - BARONE R, SIMPORE J, MALAGUARNERA L, PIGNATELLI S, MUSUMECI S. *Plasma chitotriosidase activity in acute Plasmodium falciparum malaria*. *J Trop Pediatr*. 2003 Feb;49(1):63-4. PMID: 12630727 [PubMed - indexed for MEDLINE]
- 109- BERE LC, SIMPORE J, KAROU SD, ZEBA B, BERE AP, BANNERMAN E, BILLE J, DOSSO M. *Antimicrobial resistance and serotype distribution of Streptococcus pneumoniae strains causing childhood infection in Burkina Faso* . *Pak J Biol Sci*. 2009 Sep 15;12(18):1282-6.PMID: 20384283 [PubMed - indexed for MEDLINE].
- 110 - BERE P. A., SIMPORE J, MONTENAY-GARESTIER T., HELENE C., LEHN J., *Photodegradation des acides nucléiques par le N,N'-2,7-Dimethyldiazapyrenium (MDAP2+), et le 2,2'-[Méthylène-di-(1,4-Phénylène-méthylène-dyl)]-bis-(7-N-Méthyl)-2,7-Diazapyrenium (Bis-DAP4 Annales de l'Université de Ouagadougou, 2004, série C, Vol.002.*
- 111 - BERE P. A., SIMPORE J., MONTENAY-GARESTIER T., HELENE C., LEHN J., *Oligonucleotides couples au N,N'-2,7-Dimethyldiazapyrenium (MDAP2+): Endonucleases artificielles, Annales de l'Université de Ouagadougou, 2003, - Série C, Vol. 001, 2003*
- 112 - BONFIGLIO G, SIMPORE J, PIGNATELLI S, MUSUMECI S, SOLINAS ML. *Epidemiology of bacterial resistance in gastro-intestinal pathogens in a tropical area*. *Int J Antimicrob Agents*. 2002 Nov;20(5):387-9.
- 113 - BONFIGLIO G, SIMPORE J, PIGNATELLI S, MUSUMECI S. *Antibiotic resistance in Burkina Faso*. *New Microbiol*. 2003 Jul;26(3):263-8.
- 114 - CARBONE V., MUSUMECI M., SIMPORE J., SAGGESE P., D'AGATA A. AND MUSUMECI S., 2006. *Fatty acid composition of human colostrums of Burkina Faso women*, *Pakistan Journal of Biological Sciences*, 2006, 9 (6): 1028 -1032.

- 115 - CASTELLI F, PIETRA V, DIALLO I, SCHUMACHER RF, SIMPORE J. *Antiretroviral (ARV) Therapy in Resource Poor Countries: What do we Need in Real Life?* **Open AIDS J.** 2010 Jan 19;4:28-32. PMID: 20148089.
- 116- CATALDO F, SIMPORE J., GRECO P, ILBOUDO D, MUSUMECI S. *Helicobacter pylori infection in Burkina Faso: an enigma within an enigma.* **Dig Liver Dis.** 2004 Sep;36(9):589-93. PMID: 15460843 [PubMed - indexed for MEDLINE]
- 117 - CATALDO F., LIO D., SIMPORE J. AND MUSUMECI S., *Consumption of wheat foodstuffs not a risk for celiac disease occurrence in Burkina Faso,* **J. Pediatric Gastroenterol Nutr** 2002, 35 (2):233-4.
- 118 - CHILLEMI R, SIMPORE J., PERSICHILLI S, MINUCCI A, D'AGATA A, MUSUMECI S. *Elevated levels of plasma homocysteine in postmenopausal women in Burkina Faso .* **Clin Chem Lab Med.** 2005;43(7):765-71. PMID: 16207140 [PubMed - indexed for MEDLINE]
- 119 - CHILLEMI R, ZAPPACOSTA B, SIMPORE J., PERSICHILLI S, MUSUMECI M, MUSUMECI S. *Hyperhomocysteinemia in acute Plasmodium falciparum malaria: an effect of host-parasite interaction.* **Clin Chim Acta.** 2004 Oct;348(1-2):113-20. PMID: 15369744 [PubMed - indexed for MEDLINE]
- 120 - CIMINELLI BM., POMPEI F., RELUCENTI M., LUM JK., SIMPORE J., SPEDINI G., MARTINEZ-LABARGA C., PARDO MG., *Confirmation of the potential usefulness of two human beta globin pseudogene markers to estimate gene flow to and from sub-Saharan African,* **Human Biology,** 2002, 74 (2): 243-252.
- 121 - CIMINELLI MARIA B, BOMBIERI C, CICCACCI C, BELPINATI F, POMPEI F, MASELLI R, SIMPORE J., PIGNATTI PF, MODIANO G. *Anthropological features of the CFTR gene: Its variability in an African population.* **Ann Hum Biol.** 2011;38(2):203-9.
- 122 - COMPAORÉ W.R., P.A. NIKIÈMA, A. SAVADOGO, H.I.N. BASSOLE, J. MOUECOUCOU, S. PIGNATELLI, J. SIMPORÉ AND S.A. TRAORÉ. *Nutritional and Hematological Recovery of Severely Malnourished Children with New Flour Formulas Developed at Ouagadougou (Burkina Faso).* **British Journal of Dairy Sciences** 2(1): 11-17, 2011. ISSN: 2044-2440
- 123 - DEMBÉLÉ M, SALERI N, CARVALHO AC, SAOUADOGO T, HIEN AD, ZABSONRE I, KOALA ST, SIMPORÉ J., MATTEELLI A., 2010. *Incidence of tuberculosis after HAART initiation in a cohort of HIV-positive patients in Burkina Faso.* **Int J Tuberc Lung Dis.** 2010;14(3):318-23.
- 124 - DIALLO JW, SANFO O, BLOT I, MEDA N, SAWADOGO P, OUEDRAOGO A, SIMPORE J., Epidemiology and prognostic factors for sickle cell retinopathy in Ouagadougou (Burkina Faso). **J Fr Ophthalmol.,** 2009, 32(7):496-500.
- 125 - DJIGMA F, OUEDRAOGO C, OUERMI D, BISSEYE C, SAGNA T, ZEBE M, PIETRA V, PIGNATELLI S, KABRE A, GNOULA C, SIA JD, NIKIEMA JB, SIMPORE J. *Co-infection de Mycoplasma hominis et de Ureaplasma urealyticum avec le virus de l'immunodéficience humaine (VIH) chez les femmes séropositives à Ouagadougou.* **Revue Science et Santé** 2008, vol.1-2 (31) 9-20. ISSN 1011-6028.

- 126 - DJIGMA F, SAGNA T, OUERMI D, SANOGO K, BISSEYE C, KABRE A, PIETRA V, SIMPORE J, NIKIEMA J.B, MUSUMECI S.. **2011**. *HIV infected women of Burkina Faso: a "reservoir" of mycoplasma infection*, *J Infect Dev Ctries*. **2011**; **21**;5(3):176-81.
- 127 - DJIGMA FW, OUÉDRAOGO C, KAROU DS, SAGNA T, BISSEYE C, ZEBBA M, OUERMI D, GNOULA C, PIETRA V, GHILAT-AVOID-BELEM NW, SANOGO K, SEMPORE J, PIGNATELLI S, FERRI AM, NIKIEMA JB, SIMPORE J. *Prevalence and genotype characterization of Human Papillomaviruses among HIV -seropositive in Ouagadougou, Burkina Faso*. *Acta Trop*. **2011 Mar**;117(3):202-6
- 128 - GIAMBRA V., MARTINEZ-LABARGA C., GIUFRE M., MODIANO D., SIMPORE J., GISLADOTTIR B. K., FRANCAVILLA R., ZHELEZOVA G., KILIC S. S., CRAWFORD M., BIONDI G., RICKARDS O. AND FREZZA1 D., *Immunoglobulin Enhancer HS1,2 polymorphism: a new powerful anthropogenetic marker*, *Ann Hum Genet*. **2006 Nov**;70(Pt 6):946-50
- 129 - GIANFRANCESCO F., ESPOSITO T., SIMPORE J., MUSUMECI S., *Genes, Diet and Uric Acid Nephrolithiasis*, *International journal of Anthropology*, **2004 (ISSN: 0393 -9383)**, Vol. **19**, n.4, 281-288.
- 130 - GOUAGNA LC, BANCONE G, YAO F, YAMEOGO B, DABIRÉ KR, COSTANTINI C, SIMPORÉ J, OUEDRAOGO JB, MODIANO D., *Genetic variation in human HBB is associated with Plasmodium falciparum transmission*. *Nat Genet.*, **2010**, **42(4):328-31**.
- 131 - ILBOUDO D, KAROU D, NADEMBEGA WM, SAVADOGO A, DJENEBA O, PIGNATELLI S, PIETRA V, BERE A, SIMPORE J, TRAORE AS. *Prevalence of human herpes virus-8 and hepatitis B virus among HIV seropositive pregnant women enrolled in the Mother -to-Child HIV Transmission Prevention Program at Saint Camille Medical Centre in Burkina Faso* . *Pak J Biol Sci*. **2007 Sep 1**;10(17):2831-7. PMID: 19090184 [PubMed - indexed for MEDLINE]
- 132 - ILBOUDO D, SAWADOGO A, SIMPORE J. [Mother-to-child transmission of hepatitis B virus, in Ouagadougou, Burkina Faso] *Med Trop (Mars)*. **2002**;62(1):99-101.
- 133 - ILBOUDO D, SIMPORE J, OUERMI D, BISSEYE C, SAGNA T, ODOLINI S, BUELLI F, PIETRA V, PIGNATELLI S, GNOULA C, NIKIEMA JB, MUSUMECI S. *Towards the complete eradication of mother-to-child HIV/HBV coinfection at Saint Camille Medical Centre in Burkina Faso, Africa*. *Braz J Infect Dis*. **2010 Jun**;14(3):219-24.
- 134 - ILBOUDO D, SIMPORE J, SANOU DS, KAROU D, SIA DJ, OUERMI D, BISSEYE C, SAGNA T, ODOLINI S, BUELLI F, PIETRA V, PIGNATELLI S, GNOULA C, NIKIEMA JB, CASTELLI F. *Mother-to-child HIV and HHV-8 transmission in neonates at Saint Camille Medical Centre in Burkina Faso*. *Pak J Biol Sci*. **2009 Jun 15**;12(12):908-13. PMID: 19777784.
- 135 - ILBOUDO D., SAWADOGO A., SIMPORE J., *Co-infection Hépatite C et VIH chez les femmes enceintes à Ouagadougou (Burkina Faso)*, *Médecine et Maladies infectieuses* **2003**, **33**, issue 5 pp 278-279.

- 136 - KAGONE TS, HIEN H, MEDA N, DIAGBOUGA PS, SAWADOGO A, DRABO J, PEETERS M, VERGNE L, DELAPORTE E, DE SOUZA C, GBEASSOR M, SIMPORE J. *Characterization of HIV-1 genotypes and antiretroviral drug-resistance mutations among patients in Burkina Faso.* **Pak J Biol Sci.** 2011 ;14(6):392-8.
- 137 - KAROU D., DICKO MH., SANON S., SIMPORE J. AND TRAORE AS., *Antimalarial activity of Sida acuta Burm. f. (Malvaceae) and Ptero-carpus erinaceus Poir. (Fabaceae)* **Journal of ethnopharmacology**, 2003, 89 (2-3) 291-294.
- 138 - KAROU D., DICKO MH., SIMPORE J. AND TRAORE AS., *Antioxidant and antibacterial activities of polyphenols from ethnomedicinal plants of Burkina Faso* , **African J. of Biotechnology**, 2005 ,4 (8): 823-828.
- 139 - KAROU D., NADEMBEGA WMC., OUATTARA L., ILBOUDO DP., CANINI A., NIKIÉMA JB, SIMPORE J., COLIZZI V., TRAORE AS., 2007. *African Ethnopharmacology and New Drug Discovery, Medicinal and Aromatic Plant Science and Biotechnology 1(1), x-y* ©2007 **Global Science Books**
- 140 - KAROU D., SAVADOGO A., CANINI ANTONELLA, YAMEOGO S., MONTESANO C., SIMPORE J., COLIZZI V., TRAORE AS., *Antibacterial activity of alkaloids from Sida acuta*, **African Journal of Biotechnology**, 2005, 4 (10), 1452 -1457.
- 141 - KAROU SD, TCHACONDO T., TCHIBOZO MAD, ANANI K,OUATTARA L, SIMPORE J., DE SOUZA C. *Screening Togolese medicinal plants for few pharmacological properties .* **Pharmacognosy Research**, 2012, 4(2):116-22.
- 142 - KANDO-Bationo P, BISSEYE C, NANEMA RK, TRAORE ER, YE H, DIALLO BO, COMPAORE TR, SIMPORE J., ZONGO JD. *Genetic diversity of Sclerocarya birrea subspecies birrea populations in Burkina Faso detected by RAPDs .* **African Journal of Biotechnology** January, 2012, Vol. 11(1), pp. 99-108.
- 143 - KAROU SD, DJIGMA F, SAGNA T, NADEMBEGA C, ZEBBA M, KABRE A, ANANI K, OUERMI D, GNOULA C, PIETRA V, PIGNATELLI S, SIMPORE J. *Antimicrobial resistance of abnormal vaginal discharges microorganisms in Ouagadougou, Burkina Faso.* **Asian Pacific Journal of Tropical Biomedicine** (2012)1 -4.
- 144 - OUERMI D, KAROU DS, OUATTARA I, GNOULA C, PIETRA V, MORET R, PIGNATELLI S, NIKIEMA JB, SIMPORE J. *Prévalence des parasites intestinaux au sein des patients du Centre Médical Saint Camille de Ouagadougou (Burkina Faso) de 1991 à 2010 .* **Médecine Tropicale** 2012.
- 145 - DIENDÉRE EA, TIÉNO H, BOGNOUNOU R, OUÉDRAOGO DD, SIMPORE J., OUÉDRAOGO-TRAORÉ R, DRABO J. *Prevalence and risk factors associated with infection by human immunodeficiency virus, hepatitis B virus, syphilis and bacillary pulmonary tuberculosis in prisons in Burkina Faso.* **Med Trop (Mars)**. 2011 Oct ;71(5):464-7.
- 146 - AUTINO B, ODOLINI S, NITIEMA H, KIEMA D, MELZANI A, PIETRA V, MARTINETTO M, BETTINZOLI M, SIMPORE J., SULIS G, FOCÀ E, CASTELLI F. *HIV/AIDS care and international migrations in the rural district of Nanoro, Burkina Faso .* **Bull Soc Pathol Exot.** 2012 Mar 28. <http://www.ncbi.nlm.nih.gov/pubmed/22457020>.

147 - NORDGREN J, NITIEMA LW, SHARMA S, OUERMI D, TRAORE AS, SIMPORE J, SVENSSON L. *Emergence of Unusual G6P[6] Rotaviruses in Children, Burkina Faso, 2009-2010. Emerg Infect Dis. 2012 Apr;18(4):589-97.*

Brevets internationaux

148 – Peptides recombinants pour un vaccin thérapeutique anti VIH/SIDA

AUTHORS: Amicosante, M., Cappelli,G., Colizzi,V., D'Arri go,R., Dieli,F., Perno, C.F., Sacchi, A., Salerno, A. Montagner, L., Chenal, H., Toni, T. and Simpore, J.,

PUBLICATION DATE: 18.08.2005
PUBLICATION NUMBER: WO/2005/075679
INTERNATIONAL FILING DATE: 08.02.2005
INTERNATIONAL APPLICATION NO.: PCT/IT2005/000058

149 - Brevet international : Multiviral, molécule anti-VIH and anti-HCV

AUTHORS: VLADYKO VOLODYMYR PETROVYCH (UA); KISELYOVA TAMARA PETRIVNA (UA); PERNO CARLO-FEDERICO (IT); SIMPORE P JACQUES (IT); LOCCI EFICIO (IT); AQUARO STEFANO (IT)
PUBLICATION DATE : 13 Apr/avr 2006 PCT Gazette - Section III
Gazette du page 10723

INTERNATIONAL APPLICATION N°: PCTWO 2006/038900

Séquences d'ADN déposées dans GenBank international

- 1 - [Homo sapiens hemoglobin, beta \(HBB\), mRNA](#) : 626 bp linear mRNA, Accession:NM_000518.4
- 2 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] NSP5 gene, complete cds](#) : 782 bp linear RNA, Accession:JN116555.1
- 3 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] NSP5 gene, partial cds](#) : 682 bp linear RNA, Accession:JN116553.1
- 4 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] NSP4 gene, complete cds](#) : 709 bp linear RNA, Accession: JN116551.1
- 5 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] NSP4 gene, partial cds](#) : 631 bp linear RNA, Accession: JN116549.1

- 6 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] NSP3 gene, partial cds](#) : 822 bp linear RNA , Accession:JN116547.1
- 7 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] NSP3 gene, partial cds](#) : 830 bp linear RNA, Accession:JN116545.1
- 8 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] NSP2 gene, partial cds](#) : 621 bp linear RNA, Accession: JN116543.1
- 9 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] NSP2 gene, partial cds](#) : 455 bp linear RNA, Accession: JN116541.1
- 10 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] NSP1 gene, partial cds](#) : 704 bp linear RNA, Accession: JN116539.1
- 11 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] NSP1 gene, partial cds](#) : 1,223 bp linear RNA, Accession: JN116537.1
- 12 - [Rotavirus A strain RVA/Human-wt/BFA/288-BF/2010/G6P\[6\] VP7 gene, partial cds](#) : 727 bp linear RNA, Accession: JN116535.1
- 13 - [Rotavirus A strain RVA/Human-wt/BFA/277-BF/2010/G6P\[6\] VP7 gene, partial cds](#) : 744 bp linear RNA, Accession: JN116533.1
- 14 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] VP7 gene, partial cds](#) : 743 bp linear RNA, Accession: JN116531.1
- 15 - [Rotavirus A strain RVA/Human-wt/BFA/249-BF/2010/G6P\[6\] VP7 gene, partial cds](#) : 734 bp linear RNA , Accession: JN116529.1
- 16 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] VP7 gene, partial cds](#) : 751 bp linear RNA, Accession: JN116527.1
- 17 - [Rotavirus A strain RVA/Human-wt/BFA/306-BF/2010/G3P\[6\] VP7 gene, partial cds](#) : 753 bp linear RNA, Accession: JN116510.1
- 18 - [Rotavirus A strain RVA/Human-wt/BFA/270-BF/2010/G3P\[6\] VP7 gene, partial cds](#) : 745 bp linear RNA, Accession: JN116508.1
- 19 - [Rotavirus A strain RVA/Human-wt/BFA/266-BF/2010/G3P\[6\] VP7 gene, partial cds](#) : 754 bp linear RNA , Accession:JN116506.1
- 20 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] VP6 gene, partial cds](#) : 1,251 bp linear RNA, Accession: JN116525.1

- 21 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] VP6 gene, partial cds](#) : 1,199 bp linear RNA, Accession:JN116523.1
- 22 - [Rotavirus A strain RVA/Human-wt/BFA/277-BF/2010/G6P\[6\] VP6 gene, partial cds](#) : 1,216 bp linear RNA, Accession:JN116521.1
- 23 - [Rotavirus A strain RVA/Human-wt/BFA/309-BF/2010/G6P\[6\] VP4 gene, partial cds](#) : 745 bp linear RNA , Accession:JN116519.1
- 24 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] VP4 gene, partial cds](#) : 739 bp linear RNA , Accession:JN116517.1
- 25 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] VP4 gene, partial cds](#) :724 bp linear RNA , Accession:JN116515.1
- 26 - [Rotavirus A strain RVA/Human-wt/BFA/240-BF/2010/G6P\[6\] VP4 gene, partial cds](#) :755 bp linear RNA , Accession:JN116513.1
- 27 - [Rotavirus A strain RVA/Human-wt/BFA/234-BF/2010/G6P\[6\] VP4 gene, partial cds](#) :693 bp linear RNA , Accession:JN116511.1
- 28 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] NSP5 gene, partial cds](#) :710 bp linear RNA, Accession:JN116556.1
- 29 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] NSP5 gene, partial cds](#): 718 bp linear RNA, Accession:JN116554.1
- 30 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] NSP4 gene, complete cds](#) :708 bp linear RNA, Accession:JN116552.1
- 31 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] NSP4 gene, complete cds](#) :697 bp linear RNA , Accession:JN116550.1
- 32 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] NSP3 gene, partial cds](#) :700 bp linear RNA, Accession:JN116548.1
- 33 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] NSP3 gene, partial cds](#) :814 bp linear RNA , Accession:JN116546.1
- 34 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] NSP2 gene, partial cds](#) :836 bp linear RNA, Accession:JN116544.1
- 35 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] NSP2 gene, partial cds](#) :934 bp linear RNA , Accession:JN116542.1

- 36 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] NSP1 gene, partial cds](#) :1,138 bp linear RNA, Accession:JN116540.1
- 37 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] NSP1 gene, partial cds](#) :997 bp linear RNA , Accession:JN116538.1
- 38 - [Rotavirus A strain RVA/Human-wt/BFA/307-BF/2010/G6P\[6\] VP7 gene, partial cds](#) :740 bp linear RNA, Accession:JN116536.1
- 39 - [Rotavirus A strain RVA/Human-wt/BFA/285-BF/2010/G6P\[6\] VP7 gene, partial cds](#) :677 bp linear RNA , Accession:JN116534.1
- 40 - [Rotavirus A strain RVA/Human-wt/BFA/272-BF/2010/G6P\[6\] VP7 gene, partial cds](#) :719 bp linear RNA, Accession:JN116532.1
- 41 - [Rotavirus A strain RVA/Human-wt/BFA/263-BF/2010/G6P\[6\] VP7 gene, partial cds](#) :756 bp linear RNA, Accession:JN116530.1
- 42 - [Rotavirus A strain RVA/Human-wt/BFA/240-BF/2010/G6P\[6\] VP7 gene, partial cds](#) :755 bp linear RNA , Accession:JN116528.1
- 43 - [Rotavirus A strain RVA/Human-wt/BFA/234-BF/2010/G6P\[6\] VP7 gene, partial cds](#) :757 bp linear RNA, Accession:JN116526.1
- 44 - [Rotavirus A strain RVA/Human-wt/BFA/276-BF/2010/G3P\[6\] VP7 gene, partial cds](#) :759 bp linear RNA, Accession:JN116509.1
- 45 - [Rotavirus A strain RVA/Human-wt/BFA/268-BF/2010/G3P\[6\] VP7 gene, partial cds](#) :771 bp linear RNA, Accession:JN116507.1
- 46 - [Rotavirus A strain RVA/Human-wt/BFA/309-BF/2010/G3P\[6\] VP7 gene, partial cds](#) :760 bp linear RNA, Accession:JN116505.1
- 47 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] VP6 gene, partial cds](#) :1,249 bp linear RNA , Accession:JN116524.1
- 48 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] VP6 gene, partial cds](#) :1,246 bp linear RNA , Accession:JN116522.1
- 49 - [Rotavirus A strain RVA/Human-wt/BFA/240-BF/2010/G6P\[6\] VP6 gene, partial cds](#) :1,245 bp linear RNA , Accession:JN116520.1
- 50 - [Rotavirus A strain RVA/Human-wt/BFA/277-BF/2010/G6P\[6\] VP4 gene, partial cds](#) :729 bp linear RNA, Accession:JN116518.1

- 51 - [Rotavirus A strain RVA/Human-wt/BFA/265-BF/2010/G6P\[6\] VP4 gene, partial cds](#) :739 bp linear RNA , Accession:JN116516.1
- 52 - [Rotavirus A strain RVA/Human-wt/BFA/249-BF/2010/G6P\[6\] VP4 gene, partial cds](#) :627 bp linear RNA, Accession:JN116514.1
- 53 - [Rotavirus A strain RVA/Human-wt/BFA/238-BF/2010/G6P\[6\] VP4 gene, partial cds](#) :744 bp linear RNA , Accession:JN116512.1
- 54 - [Rotavirus A strain RVA/Human-wt/BFA/268-BF/2010/G3P\[6\] VP4 \(VP4\) gene, partial cds](#) :843 bp linear RNA , Accession:JQ255032.1
- 55 - [Rotavirus A strain RVA/Human-wt/BFA/259-BF/2010/G1P\[6\] VP4 \(VP4\) gene, partial cds](#) :847 bp linear RNA, Accession:JQ255030.1
- 56 - [Rotavirus A strain RVA/Human-wt/BFA/281-BF/2010/G1G6P\[6\] VP4 \(VP4\) gene, partial cds](#) :843 bp linear RNA, Accession:JQ255033.1
- 57 - [Rotavirus A strain RVA/Human-wt/BFA/267-BF/2010/G1P\[6\] VP4 \(VP4\) gene, partial cds](#) :840 bp linear RNA, Accession:JQ255031.1
- 58 - [Rotavirus A strain RVA/Human-wt/BFA/225-BF/2010/G1P\[6\] VP4 \(VP4\) gene, partial cds](#) :834 bp linear RNA, Accession:JQ255029.1
- 59 - [HIV-1 clone h21bf from Burkina Faso gag protein \(gag\) gene, partial cds](#) :204 bp linear DNA , Accession:AY015641.1
- 60 - [HIV-1 clone h21bfm from Burkina Faso gag protein \(gag\) gene, partial cds](#) :242 bp linear DNA , Accession:AY015640.1
- 61 - [Chryseobacterium indologenes blaIND-6 gene for metallo-beta-lactamase IND-6](#) :1,020 bp linear DNA , Accession:AM087455.2
- 62 - [Sequence 20 from Patent WO2005075679](#) :20 bp linear DNA , Accession:CS146134.1
- 63 - [Sequence 18 from Patent WO2005075679](#) :18 bp linear DNA Accession: CS146132.1
- 64 - [Sequence 16 from Patent WO2005075679](#) 22 bp linear DNA Accession:CS146130.1
- 65 - [Sequence 14 from Patent WO2005075679](#) 19 bp linear DNA Accession:CS146128.1
- 66 - [Sequence 12 from Patent WO2005075679](#) 20 bp linear DNA Accession:CS146126.1
- 67 - [Sequence 10 from Patent WO2005075679](#) 20 bp linear DNA Accession:CS146124.1

- 68 - [Sequence 8 from Patent WO2005075679](#) 22 bp linear DNA Accession:CS146122.1
- 69 - [Sequence 6 from Patent WO2005075679](#) 19 bp linear DNA Accession:CS146120.1
- 70 - [Sequence 4 from Patent WO2005075679](#) 24 bp linear DNA Accession:CS146118.1
- 71 - [Sequence 2 from Patent WO2005075679](#) 21 bp linear DNA Accession:CS146116.1
- 72 - [Sequence 19 from Patent WO2005075679](#) 22 bp linear DNA Accession:CS146133.1
- 73 - [Sequence 17 from Patent WO2005075679](#) 18 bp linear DNA Accession:CS146131.1
- 74 - [Sequence 15 from Patent WO2005075679](#) 18 bp linear DNA Accession:CS146129.1
- 75 - [Sequence 13 from Patent WO2005075679](#) 20 bp linear DNA Accession:CS146127.1
- 76 - [Sequence 11 from Patent WO2005075679](#) 18 bp linear DNA Accession:CS146125.1
- 77 - [Sequence 9 from Patent WO2005075679](#) 20 bp linear DNA Accession:CS146123.1
- 78 - [Sequence 7 from Patent WO2005075679](#) 22 bp linear DNA Accession:CS146121.1
- 79 - [Sequence 5 from Patent WO2005075679](#) 25 bp linear DNA Accession:CS146119.1
- 80 - [Sequence 3 from Patent WO2005075679](#) 21 bp linear DNA Accession:CS146117.1
- 81 - [Sequence 1 from Patent WO2005075679](#) 20 bp linear DNA Accession:CS146115.1

Certification

Je soussigné **Professeur Jacques SIMPORE**, Directeur du CERBA, Centre de Recherche Biomoléculaire Pietro ANNIGONI, certifie que les informations contenues dans le présent document, sont exactes

Fait à Ouagadougou, le 02 juillet 2012

Signature :

Prof. Jacques SIMPORE
Officier de l'Ordre National

