

CURRICULUM VITAE

PERSONAL DATA

Name	Nasr Eldin Elwali
Nationality	Sudanese
Position	Professor of Biology
E-Mail	nmwali@imamu.edu.sa
Phone	+966598535900

EDUCATION

Year	Academic Degree	Institution
1985	B.Sc.	King Abdul Aziz University, Jeddah, KSA
1990	M.Sc.	University of Khartoum, Sudan
2000	Ph.D.	Aix-Marseille II University, Marseilles, France.

WORK EXPERIENCE

Period	Position	Address
10/1990-10/1993	Lecturer of Biochemistry	University of Gezira, Sudan
10/1993-31/12/1995	Lecturer of Molecular Biology	University of Gezira, Sudan
1/1/1996-31/12/2000	Assistant Professor of Molecular Biology	University of Gezira, Sudan
1/1/2001-31/12/2006	Associate Professor of Molecular Biology	University of Gezira, Sudan
1/1/2007- 7/12/2009	Professor of Molecular Biology	University of Gezira, Sudan
8/12/2009-28/6/2011	Professor of Biochemistry	Al Imam Muhammad Ibn Saud Islamic University, Riyadh, KSA
1/7/2011- 30/11/2011	Professor of Molecular Biology	University of Gezira, Sudan

1/12/2011- 1/9/2012	Professor of Biochemistry	University of Khartoum, Sudan
28/9/2012-To date	Professor of Biochemistry	Al Imam Muhammad Ibn Saud Islamic University, Riyadh, KSA

RESEARCH INTERESTS

Cancer epidemiology and molecular genetics.

PUBLICATIONS

1. Nasr Eldin Elwali, Omar Jarrah, Saeed Alzahrani, Mohamed Alharbi, Abdulmohsen Alhejaily, Abdullah Alsharm, Moawia Elhassan Colorectal Cancer in Saudi Arabia: The Way Forward, Manuscript ID Asian Pac J Cancer Prev, 2023 Jan 1;24(1):13-19.
2. Gitana Maria Aceto, Khalid Dafaallah Awadelkarim, Marta Di Nicola, Carmelo Moscatello, Mattia Russel Pantalone, Fabio Verginelli, Nasr Eldin Elwali, Renato Mariani-Costantini. Germline TP53 mutation spectrum in Sudanese premenopausal breast cancer patients: correlations with reproductive factors. Breast Cancer Res Treat. 2019 Jun;175(2):479-485.
3. Mohammed Abdelwahed, Ahmed El Tahir, Moawia Elbalal, Mohammed Elamien, Azahari M. H, Adil Mergani and Nasr Eldin. M. A. Elwali. Chloroquine Can No Longer be Considered as First Line of Treatment of P.falciparum malaria in Gezira State, Sudan. Gezira Journal Of Health Sciences 2018 vol.14 (2).
4. Adil Mergani, Ammar H. Khamis, EL Fatih Hashim, Mohamed Gumma, Bella Awadelseed, Ali Babikir Haboor and Nasr Eldin M. A. Elwali. Suggestive or inexclusive linkage of childhood cerebral malaria to 3q27-q29 region in a Sudanese consanguineous family from Central Sudan. Clin Med Invest, 2016 doi: 10.15761/CMI.1000114 Volume 1(2): 64-68
5. Mergani A, Khamis AH, Fatih Hashim EL, Gumma M, Awadelseed B, Elwali NE, Haboor AB. Pattern and predictors of neurological morbidities among childhood cerebral malaria survivors in central Sudan. J Vector Borne Dis. 2015 Sep;52(3):239-44.
6. Mathieu Sertorio, Xunya Hou, Rodrigo F Carmo, Hélia Desein, Sandrine Cabantous, Mohammed Abdelwahed, Audrey Romano, Fernanda Albuquerque, Luydson Vasconcelos, Theomira Carmo, Jun Li, Arthur Varoquaux, Violaine Arnaud, Pablo Oliveira¹, Anas Hamdoun, Hongbin He, Suzan Adbelmaboud, Adil Mergani, Jie Zhou, Ahmed Monis, Leila Beltrao Pereira, Philippe Halfon, Marc Bourlière, Raymundo Parana, Mitermayer dos Reis, David Gonnelli, Patricia Moura, Nasr Eldin Elwali, Laurent Argiro, Yuesheng Li and Alain Desein. Interleukin-22 and IL-22 binding protein (IL-22BP) regulate fibrosis and cirrhosis in hepatitis C virus and schistosome infections. Hepatology 2015 Apr;61(4):1321-31. doi: 10.1002/hep.27629.
7. Ida Biunno, Gitana Aceto, Khalid Dafaallah Awadelkarim, Annalisa Morgano, Ahmed Elhaj, Elgaylani Abdalla Eltayeb, Dafalla Omer Abuidris, Nasr Eldin Elwali, Chiara Spinelli, Pasquale De Blasio, Ermanna Rovida, Renato Mariani-Costantini, BRCA1 point mutations in premenopausal breast cancer patients from Central Sudan. Familial Cancer (2014) 13:437–444.

8. Mohamed Y. A. Babiker, Adil Mergani, Nasr Eldin M. A. Elwali. A Cd36 polymorphism associated with eight-times increased susceptibility to cerebral malaria in Central Sudan. *International Journal of Medicine and Medical Sciences* 2006-9723 04/2014; 6(4):116-120.
9. Zaki HY, Leung KH, Yiu WC, Gasmelseed N, Elwali NE, Yip SP. Common polymorphisms in TLR4 gene associated with susceptibility to pulmonary tuberculosis in the Sudanese. *Int J Tuberc Lung Dis.* 2012 Apr 16. [Epub ahead of print].
10. Elwali NE, Costantini RM, Di Gioacchino M. Environment and immune-mediated diseases in Sub-Saharan Africa. *The Science of the Total Environment* 2012, 423:190-2.
11. Awadelkarim KD, Mariani-Costantini R, Elwali NE. Cancer in the Sudan: An overview of the current status of knowledge on tumor patterns and risk factors. *The Science of the Total Environment* 2012, 423:214-28.
12. Nagla Gasmelseed, Lana Alamin Mohamed Ahmed Mounis and Nasr Eldin Elwali. Evaluation of different diagnostic Methods for *Schistosoma haematobium* infection in Endemic area Gezira State Sudan. *Gezira Journal of Health Sciences* 12/2012; 8(2):47-56.
13. Ali AA, Elsheikh SM, Elhaj A, Osman N, Abuidris D, Eltayeb EA, Mahgoub M, Hamdoun A, Babiker MM, Mohamedani AA, Elwali NE, Qaddoumi I. Clinical Presentation and Outcome of Retinoblastoma among Children Treated at the National Cancer Institute (NCI) in Gezira, Sudan: A single institution experience. *Ophthalmic Genet.* 2011 Jun;32(2):122-5. Epub 2011 Mar 2.
14. Khalid Dafaallah Awadelkarim, Carmelo Arizzi, Elgizouli Omer Musa Elamin, Hussein M. A. Hamad, Pasquale De Blasio, Salwa O. Mekki, Ihsan Osman, Ida Biunno, Nasr Eldin Elwali, Massimo Costanzo Barberis, and Renato Mariani-Costantini. Basal-like Phenotype in a Breast Carcinoma Series from Sudan: Prevalence and Clinical/Pathological Correlations. *Patholog Res Int.* 2011 Jan 9;2011:806831.
15. Siddig A. Rahoud, Adil Mergani, Ammar H. Khamis, Osman K. Saeed, Qurashi Mohamed-Ali, Alain J. Dessein & Nasr Eldin M.A. Elwali. Factors controlling the effect of praziquantel on liver fibrosis in *Schistosoma mansoni*-infected patients. *FEMS Immunol Med Microbiol* 58 (2010) 106–112.
16. Faggad A, Budczies J, Tchernitsa O, Darb-Esfahani S, Sehouli J, Müller BM, Wirtz R, Chekerov R, Weichert W, Sinn B, Mucha C, Elwali NE, Schäfer R, Dietel M, Denkert C. Prognostic significance of Dicer expression in ovarian cancer-link to global microRNA changes and oestrogen receptor expression. *J Pathol.* 2010 Feb;220(3):382-91
17. Adil Mergani, Ammar H. Khamis, Ali Babikir Haboor, Elfatih Hashim, Mohammed Gumma, Bella Awadelseed, M. M. Magzoub, Ahmed Al Tahir and Nasr Eldin M. A. Elwali, Lack of association between - 308 tumor necrosis factor polymorphism and susceptibility to cerebral malaria among Central Sudanese children, *International Journal of Genetics and Molecular Biology* Vol. 2(5), pp. 67-71, May 2010.
18. Osama A. Omer, Ahmed EL Tahir, Mohamed O Abdelwahid, Nagla Gasmelseed, Adil Mergani, and Nasr Eldin. M. A Elwali, Co-existence of Dihydrofolate Reductase (dhfr108) Gene with *Plasmodium falciparum* Chloroquine Resistance Transporter Gene (PfcrT76) in *P. falciparum* Isolates from Gezira State, Central Sudan *The Open Tropical Medicine Journal*, 2010, 3, 15-17.
19. Dessein A, Chevillard C, Arnaud V, Hou X, Hamdoun AA, Dessein H, He H, Abdelmaboud SA, Luo X, Li J, Varoquaux A, Mergani A, Abdelwahed M, Zhou J, Monis A, Pitta MG, Gasmelseed N, Cabantous S, Zhao Y, Prata A, Brandt C, Elwali NE, Argiro L, Li Y. Variants of CTGF are associated with hepatic

fibrosis in Chinese, Sudanese, and Brazilians infected with schistosomes. *J Exp Med.* 2009 Oct 26;206(11):2321-8.

20. Mohammed S. Zaroog¹, Ahmed EL Tahir, Adil Mergani, ELfatih Hashim, Mohamed Gumma, Bella Awadelseed, Ali Babkier Haboor and Nasr ELdin Elwali, Cerebral malaria among children from central Sudan and intercellular adhesion molecule-1 mutation, *International Journal of Medicine and Medical Sciences*, 2009: 1(5) 220-223.

21. Faggad A, Darb-Esfahani S, Wirtz R, Sinn B, Sehouli J, Könsgen D, Lage H, Weichert W, Noske A, Budczies J, Müller BM, Buckendahl AC, Röske A, Elwali N E, Dietel M, and Denkert C, Topoisomerase II alpha mRNA and protein expression in ovarian carcinoma: correlation with clinicopathological factors and prognosis, *Modern Pathology*, (2009) 22(4): 579-88.

22. Faggad A, Darb-Esfahani S, Wirtz R, Sinn B, Sehouli J, Könsngen D, Lage H, Noske A, Weichert W, Buckendahl A-C, Budczies J, Muller B M, Elwali N E, Dietel M & Denkert C, Expression of multidrug resistance-associated protein 1 in invasive ovarian carcinoma: implication for prognosis (2009) *Histopathology* 54, 657–666.

23. Faggad A, Kasajima A, Weichert W, Stenzinger A, Elwali NE, Dietel M, Denkert C. Down-regulation of the microRNA processing enzyme Dicer is a prognostic factor in human colorectal cancer. *Histopathology.* 2012 Oct;61(4):552-61. doi: 10.1111/j.1365-2559.2011.04110.x. PMID: 22716222

24. Faggad A, Budczies J, Tchernitsa O, Darb-Esfahani S, Sehouli J, Müller BM, Wirtz R, Chekerov R, Weichert W, Sinn B, Mucha C, Elwali NE, Schäfer R, Dietel M, Denkert C. Prognostic significance of Dicer expression in ovarian cancer-link to global microRNA changes and oestrogen receptor expression. *J Pathol.* 2010 Feb;220(3):382-91. doi: 10.1002/path.2658. PMID:19960504

25. Sergio Tofanelli, Gianmarco Ferri, Kazima Bulayeva, Laura Caciagli, Valerio Onofri, Luca Taglioli, Oleg Bulayev, Ilaria Boschi, Milena Alu`, Andrea Berti, Cesare Rapone, Giovanni Beduschi, Donata Luiselli, Alicia M Cadenas, Khalid Dafaallah Awadelkarim, Renato Mariani-Costantini, Nasr Eldin Elwali, Fabio Verginelli, Elena Pilli¹¹, Rene J Herrera, Leonor Gusma`o, Giorgio Paoli¹ and Cristian Capelli J1-M267 Y lineage marks climate-driven pre-historical human displacements, *European Journal of Human Genetics* (2009) :10.1038.58.

26. Nagla Gasmelseed, Adil Mergani, Mutaz Abass El Imam Mohamed, Ameer Mohamed Daffalla, Ahmed El Tahir and Nasr Eldin Elwali. *Gezira Journal of Health Sciences.* 05/2009; 5(1).

27. Alain Dessein, Christophe Chevillard and Nasr Eldin Elwali, Schistosomiasis,403-413, In: *Genetic Susceptibility to Infectious Diseases*, Edited Kaslow R. A., McNicholl J. M. and Hill A.V.S., Oxford University Press, 2008.

28. Khalid Dafaallah Awadelkarim, Carmelo Arizzio, Elgizouli Omer Musa Elamin, Hussein M A Hamad, Pasquale De Blasio, Salwa O. Mekki, Ida Biunno, , Nasr Eldin Elwali, Renato Mariani-Costantini, Massimo Costanzo Barberis. Pathologic, clinical and prognostic characteristics of breast cancer in Central Sudan versus Northern Italy: implications for breast cancer in Africa. *Histopathology.* 2008 Mar;52(4):445-56.

29. Khalid Dafaallah Awadelkarim, Gitana Aceto, Serena Veschi, Ahmed Elhag, Annalisa Morgano, Ahmed Abdalla Mohamedani, Elgaylani Abdalla Eltayeb, Dafaallah Abuidris, Mario Di Gioacchino, Pasquale Battista, Fabio Verginelli, Alessandro Cama, Nasr Eldin Elwali, Renato Mariani-Costantini, BRCA1 and BRCA2 status in a Central Sudanese series of breast cancer patients: interactions with genetic, ethnic and reproductive factors. *Breast Cancer Research and Treatment* (2007) Vol 102 (2) : 189 – 199.

30. Ammar H. Khamees, Adil Mergani, Siddig A. Rahoud, Nasr Eldin M. A. Elwali, Qurashi Mohamed Ali, P. M. Borodin, A. Kirichenko, Osman K. Saeed, Ali A. Idris, Mubarak M. A. Magzoub and T. I. Axenovich. Segregation analysis of susceptibility/resistance to periportal fibrosis in *Schistosoma mansoni* infection in endemic area (Umzoukra village-Gezira State, Sudan); NC-Sudan Medical Monitor (2007): Vol. 2 No. 1: 17-29 .
31. Adil Mergani, Nasr Eldin M. A. Elwali, Ammar H. Khamees, Elfatih Hashim, Mohamed Gumma, Bella awadelseed, Mubarak M. A. Magzoub, Ali B. Habour. NC-Sudan Medical Monitor (2007): Vol. 2 No. 2: 63-69 .
32. Saeed O. K., Elwali N.M.A., Dessein A.J., Adeel A., Magzoub MMA, El Samani K.E., Yousif M.Y., and Mohamed Ali Q., *Schistosoma mansoni* Associated Morbidity in Gezira: Determined by clinical and Ultrasound Examination, Sudanese Journal of Public Health: Vol. 1 (1) Jan 2006.
33. Fatima A. Ahmed, Mohammed E. M. Ahmed, Khalid E. Khalid, Nasr Eldin Elwali, Mustafa Omran and Khalid E. Ali., The Utility of Free/Total Prostate Specific Antigen and Prostatic Acid Phosphatase as Tumor Markers in Sudanese Patients with Prostate Enlargement. Journal of the Arab Board of Medical Specializations (2005) Vol. 7, No. 3, 255-259.
34. Rahoud, S., Mergani, A., Khamis, A. H., Saeed, O. K., Mohamed-Ali, Q., Dessein A.J., Nasr Eldin Elwali, Regression of liver fibrosis in *schistosoma mansoni* infected Sudanese subjects after praziquantel treatment. Gezira J. of Health Sciences 2005 vol 1 (2): 8-22.
35. Alain J. Dessein, Nasr Eldin Elwali, Sandrine Marquet, Laurent Abel, Virmondes Rodrigues Jr., Carole Eboumbou Moukoko, Helia Dessein, Laurent Argiro, Sandrine Henri, Dominique Hillaire, Gachuhi Kimani, Aluizio Prata, Mubarak Magzoub and Christophe Chevillard; Genetics of human susceptibility to infection and hepatic disease caused by schistosomes. In: Susceptibility to Infectious Diseases; Edited by Richard Bellamy; Cambridge University Press 2004; ISBN: 0521815258.
36. Dessein, B. Bucheton, L. Argiro, N. M. A. Elwali, V. Rodrigues, C. Chevillard, S. Marquet, Helia Dessein, S. H. El-Safi and L. Abel; Human susceptibility to visceral Leishmaniasis (*Leishmania donovani*) and to Schistosomiasis (*Schistosoma mansoni*) is controlled by major genetic loci. In: Infectious Disease and Host-Pathogen Evolution; Edited by Krishna Dronamraju; Cambridge University Press 2004; ISBN: 0521820669.
37. Dessein A., Kouriba B., Edombou C., Dessein H., Argiro L., Marquet S., Elwali N.M.A., Rodrigues V., Yuesheng L., Doumbo O., and Chevillard C. Interleukin-13 in the skin and interferon- γ in the liver are key players in immune protection in human schistosomiasis. Immunol Reviews 2004 Oct; 201(1):180-190.
38. Chevillard C, Moukoko CE, Elwali NE, Bream JH, Kouriba B, Argiro L, Rahoud S, Mergani A, Henri S, Gaudart J, Mohamed-Ali Q, Young HA, Dessein AJ., IFN-gamma Polymorphisms (IFN-gamma +2109 and IFN-gamma +3810) Are Associated with Severe Hepatic Fibrosis in Human Hepatic Schistosomiasis (*Schistosoma mansoni*). J Immunol. 2003 Nov;15;171(10):5596-5601.
39. Elwali N., Moukoko CE, , Saeed OK, Mohamed-Ali Q, Gaudart J, Dessein AJ, Chevillard C., No evidence for a major effect of tumor necrosis factor alpha gene polymorphisms in periportal fibrosis caused by *Schistosoma mansoni* infection. Infect Immun. 2003 Oct;71(10):5456-60.
40. Heneri S., Chevillard C., Mergani A., Paris P., Gaudart J., Camilla C., Dessein H., Montero F., Elwali N.M.A., Saeed O.K., Magzoub M., Dessein A.J. Cytokine Regulation of Periportal Fibrosis in Humans infected with *Schistosoma mansoni*: INF-gamma is Associated with Protection Against Fibrosis and TNF-alpha with Aggravation of Disease. J. Immunol. 2002: Jul 15; 169(2): 929-936.

41. Elwali N.M.A., Cytokine regulation of granuloma formation and fibrogenesis in schistosomiasis mansoni. *JMJ* (2001) Vol. 1.
42. Abel L., Marquet S., Chevillard , Elwali N.M.A, Hillaire D, Dessein A. Genetic predisposition to bilharziasis in humans: research methods and application to the study of schistosoma mansoni infection. *J Soc. Biol.* 2000; 194(1): 15-8.
43. Pascal M., Ould M.S. Abdullahi, Elwali N.M.A., Mergani A., Mohamed-Ali Q., Magzoub M., De Reggi M., and Gharib B. Hyaluronate levels and markers of oxidative stress in the serum of Sudanese subjects at risk of infection with *Schistosoma mansoni*. *Trans Action Roy Soc Trop Med Hyg* (2000); 94:66-70.
44. Dessein A.J., Marquet S., Henri S., Elwali N.M.A., Hillaire D., Rodrigues V., Prata A., Mohamed-Ali Q., Gharib B., De Reggi M., Magzoub M.M.A., Saeed K.O., Abdelhameed A.A., Abel L. Infection and Disease in Human Schistosomiasis mansoni are Under Distinct Major Gene Control. *Microbes and Infection* (1999); 1:561-567.
45. Dessein A.J., Hillaire D., Elwali N.M.A., Marquet S., Abdelhameed A.A., Saeed K.O., Magzoub M.M.A., and Abel L. Severe Hepatic Fibrosis in *Schistosoma mansoni* Infection Is Controlled by a Major Locus That Is closely Linked to the Interferon- γ Receptor Gene. *Am J Hum Genet* (1999); 65:709-721.
46. Mohamed-Ali Q ., Elwali N.M.A., Abdelhameed A.A., Mergani A., Rahoud S., Elagib K.E., Saeed K.O., Abel L., Magzoub M.M.A., and Dessein A.J. Susceptibility to periportal (Symmers). Fibrosis in Human *Schistosoma mansoni* Infections: Evidence That Intensity and Duration of Infection, Gender, and Inherited Factors are Critical in Disease Progression. *J Inef Dis* (1999); 180:1298-306.
47. Saeed B.O., Elwali N.M.A., Atabani G.S., El Mahadi M.M-A. and Mukhtar E. The use of plasma fructosamine in the assessment of diabetic control. *Trop. Geog. Med.* (1991); 43:51-54.
48. Atabani G.S., Saeed B.O., Elwali N.M.A., El Mahadi M.M-A. Effects of 75g oral glucose on fructosamine and glycated haemoglobin. *Ann. Clin. Biochem.* (1989); 27: 270-271.
49. Elwali N.M.A., Atabani G.S., Saeed B.O., El Mahadi M.M-A. Predictive value of glycated haemoglobin and fructosamine in the diagnosis of diabetes mellitus. *Sud. Med. J.* (1989); 27:21-25.