

C.V. of Dr. Sufian El-Assouli

NAME Sufian Mohammed Al-Assouli	POSITION TITLE Associate Professor of Medical Biology, Faculty of Medicine and King Abdulaziz University, Jeddah, Saudi Arabia		
EDUCATION TRAINING INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of South Carolina, SC, USA	PhD	1978	Biology
Cincinnati University, USA	MSc	1975	Biology
Assuit University, Egypt	BSc	1968	Pharmacy

A. Publications:

1. **El-Assouli, S.M.** and N.C. Mishra (1978). A neurospora DNA polymerase: its isolation and partial characterization. *Naturwissenschaften*, 65:63.
2. **El-Assouli, S.M.** (1979). DNA polymerases of neurospora crassa: biological characterization, molecular heterogeneity and their biological roles. Ph.D. Dissertation, South Carolina University, U.S.A.
3. **El-Assouli, S.M.** and N.C. Mishra (1982). Properties of neurospora DNA polymerases. *FEMS, Microbiology*. 181-185.
4. **El-Assouli, S.M.** (1985). The molecular basis for the differential sensitivity of B and T lymphocytes to growth inhibition by thymidine and 5-fluorouracil. *Leukemia Research* 9:391-398.
5. Matsui, S-1., M. Fuke, L. Chai, A. Sandberg and **S. El-Assouli** (1936). N-band proteins of nucleolar organizer: chromosomal mapping, subnucleolar localization and rDNA binding. *Chromosome* 93:231-242.
6. Huberman, J.A., L.D. Spotila, KA. Nawotka, **S.M. El-Assouli** and L.R. Davis (1987). The in vivo replication origin of the yeast 2 m plasmid. *Cell* 51:473-481.
7. Alidiris, M., S. Abed, O. Ozkul, **S. El-Assouli**, M. Amer and A. Saber (1991). Regression models for estimating survival of patients with non-Hodgkin's lymphoma. *Microelectronic Reliab* 31:473-480.
8. Alidrisi, M., S. Abed, O. Ozkul, **S. El-Assouli**, M. Amer and A. Saber (1991). A statistical study of prognostic factors influencing survival of patients with non-Hodgkin's lymphoma. *J. Environmental Science & Health. A* 26: 1409-1427.
9. **El-Assouli, S.**, Z. Banjar, k. Mohammed and F. Zamakhchari (1992). Rotavirus infection in children in Saudi Arabia. *Am. J. Trop. Med. Hyg.* 46:272-277.
10. Abed, S., **S. El-Assouli**, O. Ozkul, M. Elidrisi, M. Amer (1992). Cell cycle kinetics analysis of Hela cells exposed to Apidicolin: computer stimulation. *Computers in Biology and Medicine* 22:269-275.
11. Amer. (1993). Cell growth simulation (CGS): a user friendly system. *Proc. Summer Computer Simulation Conference*. 658-663.
12. Abed SO, Ozkul, M. Al-Idrisi, **S. El-Assouli** and M. Amer (1993). Cell growth simulation (CGS): the design philosophy. *Int. J. Systems Sci.* 24:2219-2227.
13. Mohammed, KA., **S.M. El-Assouli** and Z.M. Banjar (1994). Human rotavirus subgroups and serotypes in children with acute gastroenteritis in Saudi Arabia from 1938-1992. 1. *Med. Viral.* (In press).
14. **El-Assouli, S.M.**, K.A. Mohammed and Z. M. Banjar (1995). Human rotavirus genomic RNA electropherotypes in Jeddah, Saudi Arabia from 1988 to 1992. *Annals of Tropical Paediatrics* 15:45-53.
15. El-Assouli SM, Abed SY, Ozkul OS, Alidrisi MM (1995). Effect of colcemid on CHO cells progression: computer simulation. *Int J Sys Science* 26: 1739-1745.
16. Millat WM, El-Assouli SM (1995). Epidemiology of diarrhea in two major, cities in Saudi Arabia. *J. com. Dis.* 27:84-91
17. **El-Assouli, S.M.**, Z.M. Banjar, KA. Mohamed, W.A. Milaat and M. Z. El-Assouli (1996). Genetic and antigenic analysis of human rotavirus prevalent in Al-Taif, Saudi Arabia. *J. Trop. Paediatrics*. Vol. 42:211-219.
18. El-Assouli SM (1996). Inter-relationship among subgroups, serotypes and electropherotypes of rotaviruses isolated from humans. *J Diarrhoeal Diseases Res* 14: 201-206.
19. SM El-Sheik, KA Mohammed, SM El-Assouli (1996). Susceptibility to antibiotics of bacteria isolated from low respiratory tract infections during 1991 and 1992 pilgrimage (Haj) seasons. *Arab J Lab Med* 22: 239-250.
20. SM El-Sheikh, SM El-Assouli, KA Mohammed and M Al-bar (1998). Bacteria and viruses that cause respiratory tract infections during the pilgrimage (Haj) season in Makkah, Saudi Arabia. *J Tropical Med and Internal Health*; 3: 205-209.
21. El-Assouli SM, Alqahtani MH, Milaat W. Genotoxicity of air bone particulates assessed by comet and the salmonella mutagenicity test in Jeddah, Saudi Arabia. *Int J Environ Res Public Health* 2007 Sep; 4(3): 216-33.
22. El-Assouli SM, MH Gari. The role of Multidrug resistance genes MDR and MRP's expression in the resistance of leukemia patients to chemotherapy (In preparation).
23. El-Assouli SM, Gari MH, Al-jaooni S. Resistance of leukemia/lymphoma patients to chemotherapy: Role of DNA repair (In preparation).

Books (In Arabic)

1. El-Bar, M., **S.M. El-Assouli**, and Mohamed K.A. (1986). Medical and Islamic basis for prohibiting pork. AI Dar AI Saudi Publishing Com., Jeddah, Saudi Arabia.
2. S. Hilali and **El-Assouli, S.** (1993). Genetics and molecular biology dictionary. Sponsored by W.H.O.

Symposium and Conferences

A) Paper presented by myself.

- 1983** El-Assouli, S.M. and IA. Huberman. Origin of DNA Replication in Eukaryotes. Toronto Yeast Meeting, Department of Medical Genetics, University of Toronto, Toronto, Canada.
- 1983** El-Assouli, S.M., and IA. Huberman. Eukaryotic DNA Origin of Replication, Western New York Genetics conference, 11th Annual "Cancer Genetics, mammalian Genetics, Vital Genetics, Microbial Genetics and medical Genetics". Roswell Park Memorial Inst., New York State Health Department, Buffalo, N.Y. U.S.A.
- 1984** El-Assouli, S.M. Differential sensitivity of cultured leukemia B-, T- and null-lymphocytes to anti-metabolites. 8th Saudi Medical Conference, Riyadh, Saudi Arabia.
- 1986** El-Assouli, S.M. and El-Bar M. Non-infectious diseases associated with pork diet consumption. 4th International Conference on Islamic Medicine, Karachi, Pakistan.
- 1989** El-Assouli, S.M. Chromosomal abnormalities associated with Leukemia/lymphoma. Lymphoma Workshop, Jeddah, Saudi Arabia.
- 1992** El-Assouli, S.M. Rotavirus In Saudi Arabia. Unit 500, medical School, King Abdulaziz University, Jeddah, Saudi Arabia.
- 1993** El-Assouli, S.M. Rotavirus genotypes in Saudi Arabia from 1988-1992. Recent Trends in laboratory Medicine Symposium. King Fahd Hospital, Madinah Al-Munawara, Saudi Arabia.
- 1993** El-Assouli, S.M. Polymerase chain reaction (PCR). Theory and applications. Recent trends in laboratory Medicine Symposium. King Fahd Hospital, Madinah Al-Munawara, Saudi Arabia.
- 1994** El-Assouli S.M. Rotavirus genotypes and serotypes in Western Region of Saudi Arabia. Public Health Symposium: Towards health Promotion and Disease Prevention. M.O.H. Holiday Inn, Jeddah, Saudi Arabia.

B) Papers presented by Co-authors:

- 1985** El-Assouli, S.M. and M.-El-Bar. Fat and cancer of colon, breast, prostate and endometrium. Islamic Medical International Conference, Cairo, Egypt.
- 1988** Shobokshi, O.A., K.M. Salman, H.A. Michalek, S.M. El-Assouli and J.Y. Zaharna. The etiological roles of HTL V-I and chromosomal abnormalities in leukemias/lymphomas in the western region of Saudi Arabia, Immunology and Immune Disorders in Clinical Practice Symposium, Jeddah Saudi Arabia.
- 1991** Abed, S., M. Elidrisi, O. Ozku, S. El-Assouli and M. Amer. Cell Growth Simulation. Computer Simulation Symposium 658-663. Baltimore, Maryland, U.S.A.

Abstracts

- 1977** El-Assouli, S.M. and Mishra, N.C. (1977). DNA polymerase from Neurospora Creass. Genetics: 86-18
- 1981** Huberman, J., El-Assouli, S.M. (1981). Structure and DNA Protein Interactions of Replication Origin ICN-UCLA Symposium
- 1983** Huberman, J., El-Assouli, S.M., Spotila, L.D. and Saverdra, R. (1983). Cold Spring Harbour Symposium. Quantitative Biol. 48.

Poster-Session

- 1977** El-Assouli, S.M. and Mishra, N.C. (1977). DNA polymerase from Neurospora Creass. 46th Annual Meeting of the Genetics Society of America, Austin, Texas, U.S.A.
- 1993** El-Assouli, S.M. and Mohammed K.A. Polymerase chain reaction: it's theory. King Fahd Hospital, Madina Al-Munwara, Saudi Arabia.