

1 -MU_FSCI_ZOOL_GENE_DATA _ Sobhy. Hassab El-Nabi

Name: Sobhy El-Sayed. Hassab El-Nabi

Sex: Male

Date of Birth 28 August 1959

Place of Birth Denshway, El-Shohada, Menoufiya, Egypt

Marital Status Married and have three children

Nationality Egyptian

Address Office: Faculty of Science, Menoufiya
University, Shebin El-Koni, 32511, Menoufiya,
Egypt
Home : 9 Goda El-Hanafy st.~Shebin El-Kom,
32511, Menoufiya Egypt.

Tei. No: Home: 002.048-2237650 Mobil : 0109011420
Fax: 002-048-2235689
e. Mail : Sobhyhassab2001@yahoo.com

Qualifications

1. B.Sc. With Zoology, 1981, Grade Excellent in Faculty of Science, Menoufia University.
2. M.Sc. (Genetics), 1989, Faculty of Science. Menoufiya University.

Research Work: "Physiological and Karyological studies on the effect of organophosphorus

insecticide on male Albino mice”

3. Ph.D. (Zoology-Genetics), 1994,
Channel System between Faculty
of Science, Menoufiya University
and University of Dusseldorf,
Germany; Research work:
“Genetic monitoring studies on
selective environmental pollutants
(pesticides) suspected to be
mutagens to mammalian
animals”.

2 - MU_FSCI_ZOOL_GENE_LINK_ Sobhy. Hassab El-Nabi

Teaching Activities

Teaching a practical courses in general zoology, embryology, chordata, invertebrate and genetics (Jan 1983 — 1991) Menoufiya University, Egypt.

Lectures in cytogenetics, human genetics, molecular biology and genetics engineering to students of faculty of Science. Menoufiya University Egypt. (1994-2007).

Lectures in Cytology and cytogenetics to students of Faculty of Education. Menoufia University Egypt. (1995-2007).

Lectures in tissue culture, genetics, genetic engineering, genetic diseases and molecular biology to post-graduate students of faculty of Science. Menoufia University Egypt. (1994-2007).

Scientific School

10 Ph.D. Faculty of Medicine

11 M.Sc. Faculty of Medicine

5 Ph.D. Faculty of Science

11 M.Sc. of Faculty of Science

Grants

- Training program in Gene Technology between Egypt and Germany.
- Mission to Germany for study of ph.D. in institute for Human genetics in Heinerich Heina Universitat Dusseldorf (1991-1993).
- Mission to Germany for training program in Institute of Human Genetics, University Dusseldorf for 3 months (7/1995-10/1995)
- Training on chromosomal diagnosis in Institute of Human Genetics, (Germany)
- Training course on genetic engineering in Institute of Oncology Chemistry, Universitata Duseldorf.
- Assist in the grant of the effect of IP6 on HT29 cancer colon cells. (Principle investigator Dr. K. Cole, Department of pathology School of Medicine UMAB.) 1997.
- Post-doctor fellow (1998-1999) In School of medicine. Maryland University at Baltimor. USA.

Area of Interests*

- Cytogenetics

- Detection of mutation using different types of mutagenic test such as chromosomal aberration, sister chromatid exchange, and micronucleus test.
- Molecular genetic using different types of technique such as DNA damage HA (heteroduplex analysis) SSCP (single strand conformational polymorfism) anti cloning techniques.
- **Molecular Biology**
- Mutagenicity and antimutagemcity field.
- DNA damage (we developed simple technique in our lab.)
- RNA as biomarker of pollution (we a technique in our lab.)
- Molecular apoptosis (The technique was developed in our lab.)

References

- Prof. Dr. Gamalat Y. Osman : Prof. of parasitology and head of Zoology Department Fac. Of Science Menoufiya Uni. Egypt Tel: 048-2224996 Fax: 048-2235689
- Prof. Dr. El-Sayed Khallaf, Prof. of Fish biology and Vice Deen of Fac. Of Science Menoufiya Uni. Egypt Tel: 048-2220786
Fax: 048-2235689.
- Dr. W. E. Highsmith, Assistant Prof. and director of molecular diagnosis in Pathology, School of Medicine. University of Maryland at Baltimor, 7-22 MSTF, 10 South Pine St. Baltimore, MD 21201 (USA). Tel: 1-(410)-706-1825, Fax: 10(410) 706-8414

e.mail highsmi@umaryland.edu

LIST OF PUBLICATION

Sobhy E. Hassab El-Nabi (2004): Molecular and cytogenetic studies on the antimutagenic potential of eugenol in human lymphocyte culture

treated with depakine and apetryl drugs. J. Egypt. Ger. Soc. Zool. 43 C, Histology & Histochemistry, 171 - 196.

Sobhy E. Hassab El-Nabi (2004): Molecular studies on the relationship between apoptosis and DNA damage induced by dexamethasone and flumox in liver and spleen of rat and human lymphocytes culture. J. Egypt. Ger. Soc. Zool. (45 C): Histology & Histochemistry, 175 – 202.

Sobhy E. Hassab El-Nabi (2000): Rapid and simple technique for detection of total genomic damage (TGD) of DNA in human lymphocytes and its application on some mutagenic agents. J. Union Arab Biol., Cairo. (14 A) Zoology 371 - 388.

Sobhy E. Hassab El-Nabi and Fatma A. Sallam (2000) Mutagenic studies of carmoisine, new coccine, tartrasine and sunset yellow as food colorants on human lymphocytes culture. J. Union Arab Biol. Cairo, (14 A) Zoology 323 - 338.

Fatma A. Sallam and **Sobhy E. Hassab El-Nabi** (2001): Antimutagenic potential of *Nigella sativa*, tannic acid and chlorophyllin on human lymphocyte cultures intoxicated with bleomycin and MMS. J. Egypt. Ger. Soc. Zool., 34 (C), Histology, Histochemistry & Genetics, I - 22.

S.E. Hassab El-Nabi and K.M. El-Sherheny (2004): The mutagenic potential of ethephon as a plant growth regulator on mice and human lymphocytes culture. Egypt. J. Genet. Cytol., 33: 415 - 432.

Sobhy E. Hassab El-Nabi and Fatma A. Sallam (2002): The protective effect of ellagic acid against the mutagenic potential of berelex in human lymphocyte cultures. J. Egypt. Ger. Soc. Zool., (37 C) Histology & Histochemistry, 77 - 98.

Fady M. El-Ge, **Sobhy E. Hassab El-Nabi** and Alaa E. El-Shafey
(2004) DNA damage in β -thalassemic children. Egyptian J. of
Haematology, (20) No. (2): 273 - 286.

Mona El-Gohary, **Sobhy E. Hassab El-Nabi** and Noha Dughem (2003)
P53 expression and single strand DNA Breakage as a measure of 8-
methoxypsoralen and ultraviolet-A radiation (PUVA) induced
genotoxicity. Am Shams J. Forensic Med. Clin. Toxicol. 1: 1 - 14.

أبحاث مقدمة كمنشأط علمي للحصول على درجة أستاذ

Hassab El-Nabi, S.E.; A.H. Mohamed and G.Y. Osman (2001)
Estimation of RNA electrophoretic pattern as an indicator of
pollution in *Biomphalaria alexandrina* snails treated with certain
plant growth regulators, a herbicide and lead acetate. J. Union. Arab
Biol. (15 A): Zoology, 467 - 427.

Eman Moustafa Soliman, Neven Ahmed Hassan and **Sobhy E. Hassab
El-Nabi** (2003) Monitoring of DNA damage in mice exposed to 50
Hz electromagnetic field and the antirnutagenic potential of ellagic
acid. Am Shams J. Forensic Med. Clin. Toxicol. 1: 1 - 13.

Alee-na-ni, A.A.; **Hassab El-Nabi, S.E.**; Khallaf, E.A.; El-Halfawy,
K.A., and Abu-Mourad, I.M. (2004): Morphometry and DNA
fingerprinting by "RAPD-PCR" of fish species in Bahr Shebeen
Nilotic Canal. J. Union Arab Biol. Cairo. 22 (A): Zoology, 181 -
211.

Hassab El-Nabi, S.E. and Hagra, G.M. (2001) Genotoxic effect of
praziquantel (Distocide) and commiphora molmol extract (Merazid)
on human lymphocytes culture. Zagazig University, Medical
Journal, Vol. VII No. 52266 - 2270.

Neevine F. El-Beshlawy; **Sobhy E. Hassab El-Nabi** Manal Abdalla; Alaa K. Kamel; Hoda M. Bhr, and Nageh A. El-Mahdi (2003): Assessment of genome damage in a population of Egyptian workers occupationally exposed to cotton dusts. Am Shams J. Forensic Med. Clin. Txicol. 1: 1-24.

Azza H. Mohamed; **Sobhy E. Hassab El-Nabi** and Garnalat Y. Osman (2004) Electrophoretic pattern of RNA and single strand breaks of DNA (Comet assay) of some fresh water molluscs treated with cadmium chloride. Genetic Engineering and Biotechnology, National Research Center, In press.

A. Farid, M. El Bassuoni, I. Gawish, S. Hassab El-Nabi and M. Zaki (2001): DNA damage in childhood b-Cell non-Hodgkin's lymphoma. Egyptian Journal of Haematology, (26) No. (4): 647 - 656.

Fadia, Heba, Sobhy E. Hassab El-Nabi and Mona M. El-Gamal (2003): Effects of sethoxydim (herbicide) on the histochemical and electrophoretic pattern of RNA of fresh water prawn *Macrobrachium rosenbergii* and human lymphocytes. Genetic Engineering and Biotechnology, National Research Center In Press.

Nadia Foad, Thoraya El-Deep, Sobhy E. Hassab El-Nabi Mohamed ghobara and Amany Mosa (2004): In vivo study on the mutagenic effect of cadmium and the possible protective effect of vitamin C. The Egyptian Journal of Histology In Press.

Abdullah El-Ghamdi; Hassan El-Banna; Ahmed Bakr; Bothina Koura; Sobhy E. Hassab El-Nabi, and Mabruk Ghonaim (2003): Evaluation of different methods of Identification of methicillin - Resistant *Staphylococcus aureus* (MRSA). Antibigram and plasmid profile of

hospital and community acquired strains. Molecular diagnosis and vaccines Vol. 1 (1): 71 - 85.

Wageh M. Awara, Alaa, E. El-Sisy, Magda, E. El-Sayed, Ahmed E. Goda, and Sobhy E. Hassab El-Nabi, (2004): The antitumor activity of nitric oxide on a mammary carcinoma model in mice. J. Egypt. Soc. pharmacol. Exp. Ther. Vol. 25, No. 2: 699 - 715.

Wael F. El-Beshlawy, Manal A. Hamouda and Sobhy E. Hassab El-Nabi (2004): Study of Apoptosis in lymphocytes of sporadic alzheimer's disease versus vascular dementia. Tanta Medical Journal (32): 702 - 711.

أبحاث بعد الحصول على درجة الأستاذية

Mohamed, A. M.; Osman, G. Y.; Mohamed A. H.; Hassab El-Nabi, S. E. and Sheir, S. K. (2004): Histological and molecular studies of freshwater bivalves *Caelatura* sp. treated with earth tee as a biomonitor to pollution. Proc. Inter. Conf. Biol. Sci. 3 (1): 157- 187.

Mohamed, A. H.; Hassab El-Nabi, S.E. and Osman, G. Y. (2004): Electrophoretic pattern of RNA and single strand breaks of DNA (comet assay) of some fresh water mollusks treated with cadmium chloride: J. Gene and Biotechnol. (NCR). 2(1): 15-34.

Osman, C. Y.; A. I. Khalil, Hassab El-Nabi, S.E. and A.M. AbolMsalm (2006): Differentiation of certain parasitic freshwater fish helminthes using random amplified polymorphic DNA (RAPD-PCR) Technique. Accepted in 4th. Inter. Conf. Biol. Sci. Biotechn. And Environ. Sci. Monastair Univ., Mahdia, Tunisia, November 2006.

Shalan, M.G.; Mostafa, M.S.; Hassouna, **M. M.**; **Hassab El-Nabi, S. E.** and El Reffaie, A. (2005): Amelioration of lead toxicity on rat liver with vitamin C and silymarin supplements. Toxicology, Jan 5 ; 206(1: 1-15)

Hanem, H. Sakr and **Sobhy E. Hassab El-Nabi** (2007): Histological and

nucleic acids alterations in *Spodoptera littoralis* induced by *Streptomyces lavendulae* culture filtrate. Egyptian Journal of Biology, vol. 9 : 32-41.

Khalil A. Alhalafawy; Sobhy, E.Hassab Elnabi, Mohamed F. El-Refaei; Sabah, F. El-Abd and Osama M. Badr. (2007) : The curative effects of polyphenolic compounds against chromosomal abnormalities induced in mice-bearing solid tumor. Egypt. J. Exp. Biol. (Zool.), 3 : 63-68.

Alaa, A. Alne-na-ei and **Sobhy E. Hassab El-Nabi** (2004): Molecular apoptosis, histological alterations and mortality induced in *Oreochromis niloticus* by copper sulphate used in fishing, J. Union Arab Biol. Cairo, Vol. 22(A); Zoology :121-149.

Naira F. Girgis; Nancy, Y. Asaad; Moshira, M. Abd El-Wahed and **Sobhy E. Hassab El-Nabi** (2005): Estimation of time passed since death by ultrastructure, histopathology and DNA degradation detection by gel electrophoresis in albino rats. Am Shams J. Forensic Med.Clin. Toxicol. Vol. IV, 190-211.

Magdy, **Z. Mattar**; Elsayed, E. Hafez; Gamal, A. Al-Amen and **Sobhy E. Hassab El-Nabi** (2007): Phylogenetic relationships among enterotoxigenic clinical *Staphylococcus aureus* isolates. Global Journal of Molecular Sciences, 2 (2): 45-56.

E. Hafez; **M. Z. Mattar**; G. A. Al-Amen and S. E. Hassab El-Nabi (2006) Relationship between genotypic and phenotypic of methicillin-resistant *Staphylococcus aureus* (MRSA) isolates in Egypt. J. Union Arab Biol. Cairo, Vol (15B), Microbiology & Viruses: 38-51.

S. E. Hassab El-Nabi and y. A. Elhassaneen (2008): Detection of DNA damage, molecular apoptosis and production of home-made ladder by using simple techniques. Biotechnology.

