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WORK EXPERIENCE

# Faculty of Medicine, El- Minia University.

**Assistant Lecturer of Parasitology**

**institute of Medical Science, Tokyo University, Japan**

**Jan 1994 — March 1996**

**Oct .1996 — Dec. 1998**

**A member in an Internal Scholarship for two years In Dept. of Parasitology**

to fulfill the Ph.D.. Thesis in Parasitology.

# Faculty of Medicine, El- Minia University.

**Lecturer of Parasitology**

**Faculty of Medicine, El- Minia University.**

**Assistant professor of Parasitology**

**El-Jabal El-Garbey University,**

**Gherian, Libyia**

**visiting professor at medical parasitology Dept.**

**Faculty of Medicine, Umm Al-Qura University -KSA**

**Associate professor at Medical Parasitology Dept.**

**Department of Molecular Immunogenetics, Institute of Tropical Medicine, Nagasaki University**

**Post-Doctoral fellow**

**May 1999 — June 2006**

**June 2006 — Present**

**Aug. 2005 — Feb. 2010**

**Nov. 2010 — Present**

**Nov. 2001 — Nov. 2003**

JAPAN SOCEITY FOR THE PROMOTION OF SCIENCE (JSPS)

**EDUCATION Bachelor degree of Medicine 1982 — 1989**

**Faculty of Medicine, Cairo University (Beni-suef branch). (very good)**

**Master degree in Parasitology 1990 — 1992**

**Faculty of Medicine, Cairo University (Beni-suef branch).**

Thesis title: Field investigations on *Lymnaea* snails in Beni-Suef Governorate.

# Ph.D. in Parasitology 1994 — 1999

**Faculty of Medicine, Tanta University (Kafr El- shekh branch).**

Thesis title: Studies on Cultivation and different Immunological patterns of

*Schistosoma mansoni .*

**INTERESTS *I. TEACHING:***

* 1. **Undergraduate teaching: Teaching the academic and practical courses of Parasitology for students of:**
		1. **Third year medical students.**
		2. **Fourth year Pharmacy students.**
		3. **Second year nursing f a c u l ty .**
		4. **First year nursing (College).**
	2. **Postgraduate teaching: Teaching the basics of parasitology for different postgraduate students in the subsidiary year.**

***II. EXAMINATIONS:***

1. **Undergraduate examinations: Participating in examining the above mentioned undergraduate students.**
2. **Postgraduate examinations: Participating in examining postgraduate students in the subsidiary year.**

THESIS UNDER MY SUPERVISION

* 1. **c. thesis in Parasitology by Amany M. K. Ahmed, Faculty of Medicine, Department of Parasitology, El-Minia University.** *"Studies onTrichomonas vaginalis in El -M*

*inia Governorate".* Supervised by Prof. Dr. Nabil Shokrany Gabr, Dr. RaafatTahaMohamed and Dr. Sayed F. Abdel-Wahab. (2006).

**SKILLS \* *On the field of Molecular Biology***

* + 1. **RNA (total & mRNA) and DNA (Genomic & Plasmid) extraction and manipulation for all assays.**
		2. **cDNA library construction: Full length, 3'RACE and 5'RACE , directional cloning And TOPO 10 TA cloning.**
		3. **Signal Sequence Trap method (SST): to select genes encoding secreted, membrane and Trans- membrane proteins.**
		4. **RT-PCR and its all applications.**
		5. **Real-Time PCR, PCR, Cloning and sequencing.**
		6. **Alleles typing, Polymorphism and SNPs.**
		7. **Differential Display and DNA micro-Array.**
		8. **Serial Analysis of Gene Expression (SAGE).**

**\* *On the field of Immunology***

1. **Monoclonal Antibodies and its screening**
2. **TH1 & TH2 studies and Cytokines profiles.**
3. **FACS Analysis**
4. **Southern Blotting & Hybridization with non-radioactive labeled probes.**
5. **Vaccine candidates for Schistosoma and all experiments related to estimating the protective immunity.**

AWARDS 1. Post-graduate fellow in Department of Parasitology, Institute of Medicial Science, TOKYO UNIVERSITY, TOKYO, JAPAN from October 26, 1996 to December 26, 1998. Supported from Egyptian Ministry of Higher education.

2. JAPAN SOCEITY FOR THE PROMOTION OF SCIENCE (JSPS)

Post-Doctoral fellow at the Department of Molecular Immunogenetics, Institute of Tropical Medicine, Nagasaki University from November 26, 2001 to November 25, 2003.

3. Best poster award in *2nd International Conference on Parasitology* **August**, **2016 Manchester, UK**

SCIENTIFIC ACTIVITIES

***ATTENDING TRAINING COURSES & WORKSHOPS:***

1. **Molecular Biology Training Course, November 20-23, 1999. Cairo, Egypt from the Egyptian Society of Biochemistry & Molecular Biology.**

**2. Principles of Genetic Engineering Training Course, Feb. 20-24, 2000. in Institute of Graduate Studies & Research, Alexandria University, Egypt.**

**3. Training Course on Polymerase Chain Reaction (PCR):**

Bases and Applications, July 2-6, 2000. in Institute of Graduate Studies & Research (Department of Bioscience and Technology), Alexandria University, Egypt.

**4.Molecular Biology Workshop of III International Congress of the African Society of Biochemistry & Molecular Biology (FASBMB), November 11-13, 2000. Cairo, Egypt from the Egyptian Society of Biochemistry & Molecular Biology.**

1. **Workshop on “ Course Management System” which was held at Umm Al Qura University (UQU) in cooperation with Naseej-Arabian Advanced Systems in Makah from 17th of Nov. to 18th Nov. 2012.**
2. **Workshop on “ Virtual Classroom System” which was held at Umm Al Qura**

University (UQU) in cooperation with Naseej-Arabian Advanced Systems in Makah on 26th Nov. 2012.

1. **Workshop on “ Testing and Assessment Tools” which was held at Umm Al Qura**

University (UQU) in cooperation with Naseej-Arabian Advanced Systems in Makah from 13th of Nov. to 14th Nov. 2012.

1. **Participation as a Speaker in the Workshop “***Updates in Malaria Laboratory Diagnosis***” which was held at Maternity and Children’s Hospital, Ministry of Health, Makkah on 16th of April 2014, accredited by Saudi Commission for Health Specialties with accreditation number (51558/2014).**
2. **Training program about “Formulation and Editing of Scientific Manuscript” which was held at Deanship of Academic development and Quality at UQU in cooperation with El- NAFIE center for Training on 30th of Nov. 2014.**
3. **First course of the Promoting Excellence in Teaching and Learning Program entitled**

“Principle of Assessment” which was held on 1st Jan. 2015 at Faculty of Medicine, Umm Al-Qura University, accredited by Saudi Commission for Health Specialties with accreditation number (47318/2014) for 3CME accredited hours.

1. **Scientific seminar on “Scientific Thinking and The Foundation of Research Methods and Its Ethics” which was held at King Abdul Aziz Historical Hall, Umm Al-Qura University on** 19th Nov. 2014.
2. **Scientific seminar on “Research Methodology and Project Design” which was held at King Abdul Aziz Historical Hall, Umm Al-Qura University on 4th Dec. 2014.**
3. **Scientific seminar on “Searching the Scientific Databases and How to Detect and**

Avoid Plagiarism” which was held at King Abdul Aziz Historical Hall, Umm Al-Qura University on 17th Dec. 2014.

1. ***ATTENDING CONFRENCES:***
2. *2nd International Conference on Parasitology* **August**, **2016 Manchester, UK**

**Raafat Taha Mohamed Makhlof**, Anhar A. Mohamed**,** Mohamed A. EL Bali**,** Mona A. Abdel-Fatah, Saeed A. Al-Harthi, Mohamed EL-Malky, Nawras M. E. Mowafy, Dina Zaghloul and Rowaida Bakri **(2016).** Genetic diversity of human *Blastocystis* isolates in Makkah, Saudi Arabia. *2nd International Conference on Parasitology* **August**, **2016 Manchester, UK**

1. Co-author in **3** Poster Presentations in the UQU 1st Forum for Scientific Research, **December**, **2016** Makkah, KSA
2. **5th Saudi Science conference “A New Vision of the role of Basic Science in Development” held on April 16-18, 2012 at Umm Al Qura University, Makkah, Saudi Arabia.**
3. **US-JAPAN Joint meeting in Parasitology, Japanese Congress of Parasitology, April 2003, Kurume University, Kurume, Japan**
4. **International Medical Ethics Course, 1-3 August 2003. Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan.**
5. **Ninth International Congress of Parasitology (ICOPA IX), 24-28 August, 1998 Makuhari, Chiba, Tokyo, Japan.**
6. **Japanese Congress of Parasitology, 12-16 August, 1997 Makuhari, Chiba, Tokyo, Japan.**
7. **Schistosomiasis Research Project (SRP) International Congress, 1996, Cairo Egypt.**
8. **First International Congress of El-Mina Faculty of Medicine, April 2-4, 1995, El-Mina, Egypt.**

PUBLICATIONS 1999: Kupffer cells from *Schistosoma mansoni* infcted mice participate in the prompt type 2 differentiation of hepatic T cells in response to worm antigen. Journal of

Immunology 163 (5); 6702-6711.

20 0 4: The miniature Pig: a unique experimental model for *Schistosoma japonicum* infection Parasitology International 53; 293-299.

20 0 5: Scanning Electron Microscopical study of Third Instar of *Gastrophilis haemorrhoidalis* (Diptera: Gastrophilidae) El-Minia Medical Bulletin 16 (1);127-139.

**20 0 5: Heterologous antigens of** *Toxoplasma gondii* **and** *Salmonella typhimurium* **as adjuvants in an immunization program against** *Schistosoma mansoni.* **The New Egyptian Journal of Medicine 33 (4); 169-177.**

20 0 5: *Schistosoma mansoni:* Characterization of the Gene Encoding an Alpha Tubulin like Gene, an Integral Membrane Protein.

The Egyptian Journal of Biochemistry And Molecular Biology (EJBMB) 23 (special Issue); 203-216.

20 0 6 : Sensitivity and Specificity of Wet mount, Culture and PCR in diagnosing *Trichomonas vaginalis* infection in females attending the Gynecology Clinic of Minia University Hospital. Accepted for publication in El-Minia Medical Bulletin in 1/1/2006.

20 0 6 : Application of Adult worm and Lung-stage Antigens to immunize against *Schistosoma mansoni* using Cytokines as Adjuvants.Journal of The Egyptian Society of Parasitology 36 (1); 351-364.

20 0 6 : Identification of cDNAs from lung -Stage *Schistosomula* encoding secreted and trans-membrane proteins by using Yeast Signal Sequence Trap Method The Egyptian Journal of Medical Science 27 (1)); 11-20.

20 14: Vaccination with Toxoplasma lysate antigen CpG oligodeoxynucleotides:

comparison of immune response in intranasal versus intramuscular administrations. EL-Malky MA, Al-Harthi SA, Mohamed RT, EL Bali MA, Saudy NS. Parasitol Res. 2014 Jun;113(6):2277-84. doi: 10.1007/s00436-014-3882-0. Epub 2014 Apr 13.

**2016:** Amal M. Abdo Almatary, Raafat Y. Hassanein, **Raafat T. Makhlof**, Hanaa Y. Bakir and Amr M. Mohamed **(2016).** First Record of indigenous Furuncular Myiasis due to *Cordylobia anthropophaga* in unusual ecologic niche, Makkah, Saudi Arabia. *Int. J. Trop. Dis. Health 19 (1): 1-7.*

**2017:** **Raafat T. Mohamed**, Mohammed A. El-Bali, Anhar A. Mohamed, Mona A. Abdel-Fatah, Mohamed A. EL-Malky, Nawras M. Mowafy, Dina A. Zaghlool, Rowaida A. Bakri and Saeed A. Al-Harthi **(2017).** Subtyping of Blastocystis sp. isolated from symptomatic and asymptomatic individuals in Makkah, Saudi Arabia. *Parasites & Vectors 10:174 DOI 10.1186/s13071-017-2114-8.*

**2018:** EL-Malky, M.M., Mowafy, N.M., Zaghloul, D.A., Al-Harthi, S.A., EL-Bali M.A., **Mohamed R.T**., Bakri R.A., Mohamed A.A., Elmedany S. (2018)*.* Prevalence of *Cryptosporidium* species isolated from diarrheic children in Makkah, Saudi Arabia. Tropical Biomedicine, 35 (1).

**REFERENCES *Kenji Hirayama, M.D., Ph.D.***

Professor and Director of the Department of Molecular Immunogenetics

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 ***Somei Kojima, M.D., Ph.D.***

Professor Emeritus, the University of Tokyo.

Visiting Professor, Faculty of Tropical Medicine, Mahidol University. School of Health Science, International University of Health and Welfare.

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***Refeat Mahmoud Khalifa, M. D., Ph. D .***

Professor of the Department of Parasitology, Faculty of Medicine, Assuit University, Assuit. Egypt.