

## CURRICULUM VITA

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| <b>Name</b>             | <b>Mohamed Mohamed Amin Abd EL-Rahman EL-Malky</b>  |
| <b>Sex</b>              | <b>Male</b>   |
| <b>Citizenship</b>      | <b>Egyptian</b>   |
| <b>Place of birth</b>   | <b>Damitta city/ Egypt</b>  |
| <b>Day of birth</b>     | <b>May 3<sup>rd</sup>, 1965</b>   |
| <b>Current position</b> | <b>Professor of Medical Parasitology, Medical Parasitology Department, Faculty of Medicine, Mansoura University, Mansoura, Egypt.</b>   |
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| <b>Religion</b>         | <b>Muslim</b>   |
| <b>Degrees hold</b>     | <b>Ph.D. in Molecular Medical Parasitology, Nagoya City University Graduate School of Medical Sciences, Nagoya City University, Japan, dated March, 2003.<br/>M.D. in Medical Parasitology, Mansoura Faculty of Medicine, Egypt, dated November, 2003.<br/>M.Sc. in Medical Parasitology, Mansoura Faculty of Medicine, Egypt, dated May 1995.<br/>M.B.B.Ch. in Medicine and Surgery, Mansoura Faculty of Medicine, Egypt, dated November 1989.</b> |

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| <b>Previous positions</b> | <b>May, 18<sup>th</sup> 2021 till now: Professor of Medical Parasitology, Medical Parasitology Department, Faculty of Medicine, Mansoura University, Mansoura, Egypt.<br/>November 2012 till May 17<sup>th</sup>: Associate Professor of Parasitology, Um Ul-Qura University, Faculty of Medicine, Medical Parasitology</b> |
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|                                    | <p><b>Department</b></p> <p><b>May 2009: till October 2012: Associate Professor of Parasitology in Mansoura Faculty of Medicine, Mansoura University, Egypt.</b></p> <p><b>April 8<sup>th</sup> 2003: till May 2009: Assistant Professor of Parasitology in Mansoura Faculty of Medicine, Mansoura University, Egypt</b></p> <p><b>October 1<sup>st</sup> 1998 - April 7<sup>th</sup> 2003: Researcher and assistant lecturer in Molecular Parasitology Department, Nagoya City University Graduate School of Medical Sciences, Nagoya City University, Japan.</b></p> <p><b>July 1<sup>st</sup> 1995 - September 1998: Assistant lecturer of Parasitology in Mansoura Faculty of Medicine, Mansoura University, Egypt.</b></p> <p><b>July 1<sup>st</sup> 1992 - May 1995: Demonstrator of Parasitology in Mansoura Faculty of Medicine, Mansoura University, Egypt.</b></p> <p><b>April 1<sup>st</sup> 1991 - June 1992: Resident in the Military force Hospitals.</b></p> <p><b>March 1<sup>st</sup> 1990 - March 31 1991: House officer in Mansoura University Hospitals, Egypt.</b></p> |
| <p><b>Referees</b></p>             | <ol style="list-style-type: none"> <li><b>1. Nobuo Ohta, Professor and chair man of Environmental Parasitology Tokyo Medical and Dental University Graduate School of Medical and Dental Sciences, Tokyo, Japan. E. mail: matata.vip@tmd.ac.jp</b></li> <li><b>2. Haruko Maruyama, Professor and chair man of Medical Parasitology, Miazaki University.</b></li> <li><b>3. Salah Agha, Professor and chair man of Clinical Microbiology, Clinical Pathology Department, Mansoura Faculty of Medicine, Mansoura City, Egypt</b></li> </ol>   |
| <p><b>Teaching experiences</b></p> | <ul style="list-style-type: none"> <li><b>• Traditional theoretical and practical teaching since enrollment in Mansoura Faculty of Medicine July 1992</b></li> <li><b>• Task –Based Learning, Problem-Based Learning, Tutorials, Project Based learning since 2007 till now.</b></li> <li><b>• Fluent Arabic and English speaking</b></li> <li><b>• Excellent computer skills</b></li> </ul>  |

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|                              | <ul style="list-style-type: none"> <li>• Previous member of the following committees in Um Ul-Qura Faculty of Medicine; <ul style="list-style-type: none"> <li>3<sup>rd</sup> year curriculum committee</li> <li>Standard setting committee</li> <li>Medical ethics committee</li> <li>Post-graduate committee</li> <li>Research committee</li> <li>Quality and accreditation committee</li> </ul> </li> </ul>   |
| <p>Technical experiences</p> | <p>Handling well, Molecular, Immunological, Microbiological and Parasitological techniques as.</p> <ul style="list-style-type: none"> <li>*PCR {(Quantitative and qualitative) DNA and RNA extractions, Electrophoresis, ect.}</li> <li>*Sequencing, using automated sequencers.</li> <li>*Routine Immunology (ELISA, IHA, Latex agglutination, lymphocyte separation, serology, immune diffusion, ect).</li> <li>*Routine microbiology (cultures, serology, infection control, staining, ect).</li> <li>*Routine Parasitology (urine, stool, blood films for Malaria, Filaria, ect).</li> </ul> |

**Presentations at scientific meetings**

**EL-Malky M**, Suzuki T, Zhang R, Ohta N. Molecular cloning of a female-specific cDNA from *Schistosoma japonicum* using differential display technique. 69<sup>th</sup> annual Meeting of the Japanese Society of Parasitology, **April 2000 Matsue, Japan.**

Zhang R, Suzuki T, Kawaguchi H, Yoshida A, Kumagai T, Maruyama H, Yabu Y, **EL-Malky M**, Ohta N. Immunization of mice with recombinant calpain induces protection against *Schistosoma japonicum* infection. *Ibid*

Zhang R, Yoshida A, Kumagai T, Maruyama H Suzuki T, Itoh M, **EL-Malky M**, Ohta N. Immunological analysis of calpain, a calcium-activated neutral proteinase,

of *Schistosoma japonicum* and its efficacy in schistosome vaccine through induction of strong Th1 response in BALB/c mice. 37<sup>th</sup> Joint Conference on Parasitic Diseases, Japan-US Cooperative Medical Science Program July 2000, Inuyama, Japan.

**EL-Malky M**, Maruyama H, Hirabayashi Y, Shimada S, Yoshida A, Amano T, Tominaga A, Takatsu K, Ohta N. IL-5 enhances intestinal immunity against *Strongyloides venezuelensis*. 70<sup>th</sup> annual Meeting of the Japanese Society of Parasitology, April 2001 Yamagata, Japan.

Maruyama H, **EL-Malky M**, Hirabayashi Y, Shimada S, Ohta N. Factors that determine the distribution *Strongyloides venezuelensis* in the host intestine. 71<sup>st</sup> annual Meeting of the Japanese Society of Parasitology, March 2002 Isehara, Japan.

**EL-Malky M**, Maruyama H, Hirabayashi Y, Shimada S, Yoshida A, Amano T, Tominaga A, Takatsu K, Ohta N. Drastic reduction in establishment of adult nematode *Strongyloides venezuelensis* in IL-5 transgenic mice. 10<sup>th</sup> International Congress of Parasitology, August 2002, Vancouver, Canada.

Maruyama H, Hirabayashi Y, **EL-Malky M**, Shimada S, Ohta N. Role of mucosal sulfated carbohydrates in the tissue distribution of *Strongyloides venezuelensis* adult worms in the host intestine. 10<sup>th</sup> International Congress of Parasitology, August 2002, Vancouver, Canada.

Maruyama H, **EL-Malky M**, Ohta N. Role of ES antigens of *Strongyloides venezuelensis* during its invasion into the host mucosa. 58<sup>th</sup> Annual Meeting of Western Branch of the Japanese Society of Parasitology, October 2002, Matsuyama, Japan.

Osada Y, Hato M, Kumagai T, **EL-Malky M**, Suzuki T, Kanazawa T, Ohta N. Establishment and partial characterization of *Schistosoma japonicum* calpain-

specific T cell hybridoma. 72<sup>nd</sup> annual Meeting of the Japanese Society of Parasitology, March 2003 Kurume, Japan.

**EL-Malky M**, Kumagai T, Yabu Y, Maruyama H, Ohta N. Protective effect of vaccination with toxoplasma lysate antigen and CpG as an adjuvant against *Toxoplasma gondii* in susceptible C57BL/6 mice. 72<sup>nd</sup> annual Meeting of the Japanese Society of Parasitology, March 2003 Kurume, Japan.

### List of publications

1. Mohammed A. El-Bali<sup>1</sup>, Abdulhafid Abdulhakim, Raafat T. Mohamed<sup>1</sup>, **Mohamed A. EL-Malky**, Rowaida A. Bakri, Saeed A. Al-Harhi. Antiprotozoal potential of *Salvadora persica* against three virulent subtypes of *Blastocystis* sp. J Parasitic diseases, 27 July 2020.
2. **EL-Malky, M.M.**, Mowafy, N.M., Zaghoul, D.A., Al-Harhi, 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).
3. Mohamed, R., El-Bali, M., Mohamed, A., Abdel-Fatah, M., **EL-Malky, M.**, Mowafy, N., Zaghool, D., Bakri, R. and Al-Harhi, S. (2017). Subtyping of *Blastocystis* sp. isolated from symptomatic and asymptomatic individuals in Makkah, Saudi Arabia. *Parasites & Vectors*, 10(1).
4. **EL-Malky, M.**, Aldosari M., Elsendiony A., Al-Harhi, S., Zaghoul, D., Salah N., (2016). Imported Malaria to Makkah Distract, Saudi Arabia is there any Risk of Local Transmission? *J. Egypt. Soc. Parasitol.*, 46(3).
5. **EL-Malky MA**, Al-Harhi SA, Mo hamed RT, EL Bali MA, Saady NS. Vaccination with *Toxoplasma* lysate antigen and CpG oligodeoxynucleotides: comparison of immune responses in intranasal versus intramuscular administrations. *Parasitol Res.* 2014 Jun;113(6):2277-84.

6. El-Beshbish SN, Taman A, [El-Malky M](#), Azab MS, El-Hawary AK, El-Tantawy DA. In vivo effect of single oral dose of artemether against early juvenile stages of *Schistosoma mansoni* Egyptian strain. *Exp Parasitol*. 2013 Jul 19.
7. [El-Malky MA](#), Maruyama H, Al-Harthi SA, El-Beshbishi SN, Ohta N. The role of B-cells in immunity against adult *Strongyloides venezuelensis*. *Parasit Vectors*. 2013 May 24;6:148.
8. El-Beshbishi SN, Taman A, [El-Malky M](#), Azab MS, El-Hawary AK, El-Tantawy DA. First insight into the effect of single oral dose therapy with artemisinin-naphthoquine phosphate combination in a mouse model of *Schistosoma mansoni* infection. *Int J Parasitol*. 2013 Jun;43(7):521-30.
9. [El-Malky MA](#), Lu SH, El-Beshbishi SN, Saady NS, Ohta N. Effect of Mirazid in *Schistosoma japonicum*-infected mice: parasitological and pathological assessment. *Parasitol Res*. 2013 Jan;112(1):373-7.
10. Ashraf A. Foda, [Mohamed M. El-Malky](#) Prevalence of genital tract infection with *Entamoeba gingivalis* among copper T 380A intrauterine device users in Egypt *Contraception*,2012 Jan;85(1):108-12.
11. Study of some Fibrosis Indices in Genotype 4 HCV Infected Egyptian Patients. Niveen Saady1\*, Doaa M. Elghannam1, Raghada Farag2, Mohamed Abd El-Maksoud2 , Mona A. El-Hussiny1, **Mohamed El-Malky3**, Nader El-Malky. *Life Science Journal* 2012;9(1)
12. [El-Malky M](#), Nabih N, Heder M, Saady N, El-Mahdy M. Helminth infections: Therapeutic potential in autoimmune disorders. *Parasite Immunol*. 2011 Nov;33(11):589-93.
13. El-Shazly AM, El-Beshbishi SN, Azab MS, [El-Malky M](#), Abdeltawab AH, Morsy AT. Past and present situation of human fascioliasis in Dakahlia Governorate, Egypt. *J Egypt Soc Parasitol*. 2009 Apr;39(1):247-62.
14. Agha S, El-Mashad N, [El-Malky M](#), El-Shony H, El-Sherif MZ, Abo El-Hasan M, Tanaka Y and Mizokami M. Prevalence of low positive anti-HCV antibodies in blood donors: *Schistosoma mansoni* co-infection and possible role of autoantibodies. *Microbiology and Immunology*, Vol. 50, No. 6, 2006.

15. [El-Malky M](#), Shaohong L, Kumagai T, Yabu Y, Noureldin MS, Saady N, Maruyama H, Ohta N. Protective effect of vaccination with *Toxoplasma* lysate antigen and CpG as an adjuvant against *Toxoplasma gondii* in susceptible C57BL/6 mice. *Microbiol Immunol*. 49(7), 639-646, 2005.
16. Osada Y, Kumagai T, Hato M, Suzuki T, [El-Malky M](#), Asahi H, Kanazawa T, Ohta N. Establishment of *Schistosoma japonicum* calpain-specific mouse T cell hybridomas and identification of a T cell epitope that stimulates IFN gamma production. *Vaccine*. 2005 Apr 15;23(21):2813-9.
17. Agha S, Tanaka Y, Saady N, Kurbanov F, Abo-Zeid M, [El-Malky M](#), Khalaf M, Ohta N, Yoshizawa H, Mizokami M. Reliability of hepatitis C virus core antigen assay for detection of viremia in HCV genotypes 1, 2, 3, and 4 infected blood donors: a collaborative study between Japan, Egypt, and Uzbekistan. *J Med Virol*. 2004.
18. [El-Malky M](#), Maruyama H, Hirabayashi Y, Shimada S, Yoshida A, Amano T, Tominaga A, Takatsu K, Ohta N. Intraepithelial infiltration of eosinophils and their contribution to the elimination of adult intestinal nematode, *Strongyloides venezuelensis* in mice. *Parasitol Int*. 2003 Mar;52(1):71-9.
19. Maruyama H, [El-Malky M](#), Kumagai T, Ohta N. Secreted adhesion molecules of *Strongyloides venezuelensis* are produced by oesophageal glands and are components of the wall of tunnels constructed by adult worms in the host intestinal mucosa. *Parasitology*. 2003 Feb;126(Pt 2):165-71.
20. Kumagai T, [El-Malky M](#), Maruyama H and Ohta N Effects of CpG ODN on *Schistosoma japonicum* infection in mice.. *Nagoya Medical journal*, 46, 99-110 (2003).
21. Maruyama H, Hirabayashi Y, [El-Malky M](#), Okamura S, Aoki M, Itagaki T, Nakamura-Uchiyama F, Nawa Y, Shimada S, Ohta N. *Strongyloides venezuelensis*: longitudinal distribution of adult worms in the host intestine is influenced by mucosal sulfated carbohydrates. *Exp Parasitol*. 2002 Mar;100(3):179-85.
22. Zhang R, Yoshida A, Kumagai T, Kawaguchi H, Maruyama H, Suzuki T, Itoh M, [El-Malky M](#), Ohta N. Vaccination with calpain induces a Th1-biased protective

- immune response against *Schistosoma japonicum*. Infect Immun. 2001 Jan;69(1):386-91.
23. Maruyama H, Hatano H, Kumagai T, [El-Malky M](#), Yoshida A, Ohta N. *Strongyloides venezuelensis*: heparin-binding adhesion substances in immunologically damaged adult worms. Exp Parasitol. 2000 Jul;95(3):170-5.