

Curriculum Vitae

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Education

1992-1994: Om El-Mominin Secondary School (for girls), Banha, Egypt.

1995-2000: M.B., B.CH. Banha Faculty of Medicine, Banha University, Egypt.

2003-2006: M.Sc. in Medical Parasitology, Banha Faculty of Medicine, Banha University, Egypt.

2009-2012: Doctoral student at the Institute of Tropical Medicine, Faculty of Mathematics and Natural Sciences, Eberhard Karls University, Tübingen, Germany.

2012 : PhD in Parasitology, Eberhard Karls University, Tübingen, Germany.

Positions

- Demonstrator in Parasitology department, Banha Faculty of Medicine, Banha University, Egypt from 2003-2006.
- Assistant lecturer of parasitology in Parasitology department, Banha Faculty of Medicine, Banha University, Egypt from 2006-2008.
- Lecturer of Parasitology, Banha Faculty of Medicine, Banha University, Egypt. 2012.
- Assistant Professor of Parasitology, Benha Faculty of Medicine, Benha University in May 2018 untill 2024.
- Module director, Benha Faculty of Medicine, Benha University in September 2019 until 2021.
- Professor of Parasitolog, Benha Faculty of Medicine, Benha University in November 2024 untill now.

PhD/MSc Supervision

- 1- Effects of *Thymus vulgaris* ethanolic extract on chronic toxoplasmosis in a mouse model (M.Sc.) completed 2016.
2. Effect of *Nigella sativa* oil on *Schistosoma mansoni* in experimentally infected mice (PhD) Completed (2018)
3. In vitro and in vivo activity of allicin against *Schistosoma mansoni* (PhD) in progress.
4. In vitro effect of Nanoparticles on *Blastocystis hominis* (M.Sc.) in progress.
5. Effect of ciprofloxacin loaded silver nanoparticles on experimentally *Toxoplasma gondii* infected mice (PhD) in progress.

Teaching experience

- ❖ **Teaching the course of medical parasitology (2012-2018) to the 3rd year undergraduate students, faculty of medicine, Benha University**

The course contents:

Helmenthology (Trematodes, Cestodes and Nematodes), Protozoa and Entomology.

For each parasite, we teach:

(Geographical distribution, morphology, life cycle, pathology, clinical manifestations, diagnosis, treatment, control and prevention)

Teaching lab settings of medical parasitology course (2003-2018) to the 3rd year undergraduate students, faculty of medicine, Benha University.

- ❖ **Teaching of medical parasitology course for students of the Faculty of Nursing, Banha University.**
- ❖ **Teaching of medical parasitology course for students of the secondary school of nursing.**
- ❖ **Teaching lectures in reproductive module and central nervous system module for 2nd year medical students (new integrated system).**

Activities in faculty/university/community service

- Member of the team which developed the parasitology course specification and the team of quality control of parasitology department, Benha faculty of medicine.
- Academic advisor, Assign weekly hours to meet students and respond to their queries, exchange knowledge and experience regarding their educational planes, guiding and tracking their advancement.
- Engaging students in their community medical problems and guide them to provide planes for preventive measures.
- Supervising the various scientific activities for students of the third year of the faculty.
- Participating in the organization of the scientific meeting of the Department of Parasitology.
- Participate in the written, oral and lab exams for third-year students and postgraduate students at the college.

❖Member in the team developing university scientific curriculum:

- 1. Participate in the development of educational teaching tools for undergraduate and postgraduate students.**
- 2. Participating in the characterization of the medical parasitology curriculum for third-year students and graduate students.**
- 3. Participate in the preparation of the scientific content of medical parasitology courses for third-year students and postgraduate students.**

4. Participate in the development of oral, written and lab assessment systems in the Parasitology department.

5. Module coordinator for GIT module for the 2nd year medical students 2019-2020 in the new integrated system.

6. Module coordinator for Nutrition module for the 2nd year medical students 2020-2021 in the new integrated system.

7. Participate in characterization of the new integrated system curriculum and development of exams.

Training courses and workshops:

1 - Workshop in Parasitology Department, Faculty of Medicine, Banha University (Medical Nanotechnology: promising medicine in the future) 4/5/2015.

2- Workshop entitled (support and follow-up research projects for young researchers at the University of Banha) - University of Banha 22 October 2014.

3 - Attending the fifth session of training on flotac technique - Napoli University - Italy (23-27 April 2011).

Courses of faculty staff development program:

- ❖ Marketing of scientific research course (1-3 November 2014).**
- ❖ Self-assessment and external review course, 4-6 November 2014.**

- ❖ "Management of websites" course at the University of Banha, 20-22 January 2015.
- ❖ Time and meetings management course at the University of Banha 16-18 January 2018.
- ❖ Statistical analysis course at the University of Banha 16-18 January 2018.
- ❖ (Mis Iv Bylaws and Control affairs) within the ICT training project at the university 7 February 2018.
- ❖ Introduction to the new integrated program workshop, Benha Faculty of Medicine 7-12-2020.
- ❖ Methods of exam evaluating and test blueprinting for the new integrated program workshop, Benha Faculty of Medicine 12-2020.
- ❖ Assessment methods and measures (for new integrated program) workshop, Benha Faculty of Medicine (12-2020).
- ❖ Case-based learning workshop, Benha Faculty of Medicine (2-2020).

Publications

- Samia Mostafa Rashed, Maysa Ahmed Eraky, Hemat Salah Mohamed Ali, Fayza Ali Ahmed, and **Eman Abdelrahman Abououf**. CIPROFLOXACIN-LOADED SILVER NANOPARTICLES EFFICACY ON CHRONIC TOXOPLASMOSIS INFECTED MICE. J. Egypt. Soc. Parasitol. (JESP), 52(3), 2022: 483 – 490
- Samia M. Rashed, **Eman A. Abououf**, Maysa A. Hassan, Ashraf M. Barakat, Sabry A. Sadek, Fayza A. Ahmed , Hemat S. Ali. Effect of Ciprofloxacin loaded on Silver Nanoparticles on Acute Toxoplasmosis. Benha medical journal, vol. 39, issue 3, 2022.
- Amany F. El Fakahany, Amina I. Abdelmaabood, Atef H. Abd El Hamid, Amira T. Morsi, **Eman A. Abououf**. In Vitro and in Vivo Activity of Allicin against Schistosoma Mansoni. Benha medical journal vol. 37, issue 3, 2020.
- Asmaa A Elkholy¹, Rabab E Omar¹, Ayman M Elbadawy², Mona A Elawady³, **Eman Abou-Ouf¹**.

Investigating the potential link between seroprevalence of Toxoplasma IgG and both types of diabetes mellitus in Benha city, Egypt. *PARASITOLOGISTS UNITED JOURNAL*. Vol. 15, No. 2, August, 2022

- Mohamed Saad Younis 1, **Eman Abd El Rahman Abououf** 1, Ali El Saeed Ali 1, Sara Mohamed Abd Elhady 2, Rita Maher Wassef 2. In vitro Effect of Silver Nanoparticles on Blastocystis hominis. *Int J Nanomedicine* 2020 Oct 22;15:8167–8173.
- **Eman A. Abououf**, Azza M. S. Elhamshary, Ibrahim M. Nagati, Maysa A. Eraky, Asmaa A. Elkholy,
- Amany N. Ibrahim, And Ghada H. Omar. **EFFECT OF NIGELLA SATIVA OIL ON SCHISTOSOMA**
- **MANSONI MATURE WORMS IN EXPERIMENTALLY INFECTED MICE**. *J. Egypt. Soc. Parasitol. (JESP)*,48(1), 2018: 55 – 66.
- MA Eraky, AF El-Fakahany, NM El-Sayed, **EA Abou-Ouf**, DI Yaseen. **Effects of Thymus vulgaris ethanolic extract on chronic toxoplasmosis in a mouse model**. *Parasitol Res* (2016) 115: 2863.
- Eraky MA, El-Kholy AA, Rashed GA, Hammam OA, Moharam AF, **Abou-Ouf EA**, Aly NS, Kishik SM, Abdallah KF, Hamdan DI. **Dose-response relationship in Schistosoma mansoni juvenile and adult stages following limonin treatment in experimentally infected mice**.

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Parasitol Res. 2016 Oct; 115(10):4045-54. doi: 10.1007/s00436-016-5177-0.
- Hussein AH, Rashed SM, El-Hayawan IA, Aly NSM, **Abou Ouf EA**, Ali AT. **Intestinal Parasite Infections and Accuracy of Direct Thin and Thick Smear, Formol-Ether Sedimentation, Centrifugal Flotation, and Mini-FLOTAC Techniques Among Patients with Gastrointestinal Tract Disorders from the Greater Cairo Region, Egypt**. *Am J Trop Med Hyg*. 2017 Mar; 96(3):589-594. doi: 10.4269/ajtmh.16-0436

- **Ouf EA**, Ojurongbe O, Akindele AA, Sina-Agbaje OR, Van Tong H, Adeyeba AO, Kremsner PG, Kun JF, Velavan T. **Ficolin-2 Levels and FCN2 Genetic Polymorphisms as a Susceptibility Factor in Schistosomiasis**. J Infect Dis. 2012 Aug;206(4):562-70.
- Ojurongbe O, **Abou Ouf E**, Van Tong H, Toan NL, Song LH, Luz PR, Messias-Reason IJ, Nurjadi D, Zanger P, Kun JF, Kremsner PG, Velavan TP. **Reliable and rapid characterization of functional FCN2 gene variants reveals diverse geographical patterns**. BMC Med Genet. 2012 May 17;13(1):37.
- **Ouf EA**, Bechlars S, Böttger E, Büyükyazici B, Faik I, de Carvalho EG, Meese S, Oktyabri A, Ol Opaleye O, T P V, Kun JF. **Interplay of host and infectious agents**. Wien Klin Wochenschr. 2010 Mar;122 Suppl 1:13-5.
- Hoang TV, Toan NL, Song le H, **Ouf EA**, Bock CT, Kremsner PG, Kun JF, Velavan TP. **Ficolin-2 levels and FCN2 haplotypes influence hepatitis B infection outcome in Vietnamese patients**. PLoS One. 2011;6(11):e28113.
- Antony JS, Ojurongbe O, van Tong H, **Ouf EA**, Engleitner T, Akindele AA, Sina-Agbaje OR, Adeyeba AO, Kremsner PG, Velavan TP. **Mannose-binding lectin and susceptibility to schistosomiasis**. J Infect Dis. 2013 Jun;207(11):1675-83.
- Antony JS, Ojurongbe O, **Ouf EA**, Velavan TP. **COMPLEMENT LECTIN PATHWAY PROTEINS AND URINARY SCHISTOSOMIASIS**. July 2014. Conference paper. Conference: Infection and Immunity, At Tuebingen.