

# 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 until 2024.
- Module director, Benha Faculty of Medicine, Benha University in September 2019 until 2021.
- Professor of Parasitology, Benha Faculty of Medicine, Benha University in November 2024 until 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 3<sup>rd</sup> 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 3<sup>rd</sup> year undergraduate students, faculty of medicine, Benha University.**

- ❖ **Teaching of medical parasitology course for students of the Faculty of Nursing, Benha 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 2<sup>nd</sup> 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-Ouf**<sup>1</sup>.

- 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**.