

Abdullah Hoter

Dr. med. Vet. , Biochemistry, Veterinary Medicine

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Personal Information

Date and place of birth 16.02.1986 Kom-Hamada, El-Beheira, Egypt
Nationality Egyptian
Marital status Married, two daughters

Education

2018 **University of Veterinary Medicine Hannover/ Dr. med. vet.**
Hannover, Germany Doctor of Veterinary Medicine (Dr. med. vet.) in Biochemistry and Molecular Biology with "Summa cum Laude grade" (very good with distinction).

2014 –2018, **University of Veterinary Medicine Hannover/ DAAD scholarship**
Hannover, Germany PhD student in the department of Physiological Chemistry, University of Veterinary Medicine Hannover under supervision of Prof. Dr. Hassan Y. Naim
The title of doctoral dissertation "Isolation and molecular characterization of one humped camel (*Camelus dromedarius*) heat shock proteins"

2009-2012 **Cairo University/ Master**
Cairo, Egypt M. V. Sc., Master in Veterinary Medicine Sciences, Department of Biochemistry and Chemistry of Nutrition, Faculty of Veterinary Medicine, Cairo University
The title of Master dissertation "Studies on mitochondrial redox state in hepatocytes of *Camelus dromedarius*"

2003-2008 **Cairo University/ Bachelor**
Cairo, Egypt B. V. Sc. Veterinary Medicine

2000-2003 **Abdel-Wahed Al-Besomi School/Thanaweyya**
Kom-Hamada, Egypt High school, Thanaweyya degree
Juli 2003

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Work experience and practical skills

2014-2018 Hannover, Germany	University of Veterinary Medicine Hannover/ Researcher and PhD student in department of Physiological Chemistry under supervision of Prof. Dr. Hassan Y. Naim
2012-2014 Giza, Egypt	Cairo University/ Assistant lecturer in the department of Biochemistry and chemistry of nutrition, Faculty of Veterinary Medicine.
2009-2012 Giza, Egypt	Cairo University/ Demonstrator in the department of Biochemistry and chemistry of nutrition, Faculty of Veterinary Medicine.
2008-2009 Giza, Egypt	Al-Watania Poultry Corporation / Trainer as veterinarian in layer sector (poultry).

Languages and technical skills

Arabic	Mother language
German, English	Fluent in speaking and writing
MS Office, Adobe Photoshop	Very good knowledge and excellent skills
Molecular Biology programs	SnapGene, ImageJ, handling of GenBank data as molecular simulation of proteins (PyMol, Chimera)

Publication and Conferences

2018	1. Hoter, A.; Amiri, M.; Prince, A.; Amer, H.; Warda, M.; Naim, H.Y. Differential Glycosylation and Modulation of Camel and Human HSP Isoforms in Response to Thermal and Hypoxic Stresses. <i>Int. J. Mol. Sci.</i> 2018, 19, 402.
2018	2. Hoter, A.; Amiri, M.; Warda, M.; Naim, H.Y. Molecular cloning, cellular expression and characterization of Arabian camel (<i>Camelus dromedarius</i>) endoplasmic reticulum chaperone. In revision for <i>Int. J. Biol. Macromol.</i>
30.03.2016 - 01.04.2016 Berlin, Deutschland	Tagung der DVG-Fachgruppe as a speaker (presentation)
04.09.2015 - 05.09.2015 München, Deutschland	Jahrestagung der Deutschen Gesellschaft für Kinder- und Jugendmedizin

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Professional qualifications

Molecular Biology Molecular cloning, PCR including Real Time PCR and mutagenesis PCR, DNA extraction, plasmid DNA preparation, agarose gel electrophoresis siRNA, CRISPR Cas9, in silico Protein-Protein/ Ligand Analysis, plasmid DNA preparation, restriction enzyme digestion, cDNA cloning, transient transfection and stable transfection techniques

Biochemistry Analysis of posttranslational modification of proteins via Western Blot, (Co-)Immunoprecipitation, Pulse-Chase radioactive labelling, ELISA, enzymatic and photometric assays, Immunofluorescence and confocal microscopy, DNA Analysis, Analysis of lipid membrane microdomains (lipid rafts), tissue culture besides sufficient knowledge about heat shock proteins (HSPs).

Handling of Animals **FELASA B Certificate** (Hannover Medical School, MHH, 2018)
Basics in Laboratory Animal Science.

Scholarships and prizes

11.2013-03.2018 DAAD scholarship (GERLS). The German Egyptian Research Long-term Scholarship (GERLS), a joint program between the German Academic Exchange Service (DAAD) and the Egyptian Ministry of Higher Education and Scientific Research

Interests and hobbies

Reading, swimming, biking and IT