

بِسْمِ اللَّهِ الرَّحْمَنِ



Curriculum vitae

Personal Information:-

- **Name:** *Amin Mohamed Abdelhadi Tahoun*
- **Nationality:** *Egyptian*
- **Sex:** *Male*
- **Marital status:** *Married*
- **Date of birth:** *15/5/1977.*
- **Place of birth:** *Kafr El-Sheikh, EGYPT.*
- **Mobile:** *+2-01091841312*

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Academic Record

1) *Bachelor of Veterinary Medical Sciences with a rank of very good. Faculty of veterinary medicine. Tanta university, 2000.*

2) *Master of Veterinary Medical Sciences (Veterinary internal medicine major). Faculty of veterinary medicine. Kafrelsheikh university 27/5/2004.*

" Clinical and biochemical studies of induced pregnancy toxemia in Does "

3) *Ph.D. of Veterinary Medical Sciences (Veterinary Microbiology major). Edinburgh University, UK. 2011*

"Role of Type III secretory effectors EspF and SopB in enteric pathogenesis of Escherichia coli and Salmonella enterica serovar Typhimurium"

Academic Appointments:

- 1) *Demonstrator of veterinary internal medicine, Department of Biochemistry and Physiology, Faculty of Veterinary medicine, Kafrelsheikh branch Tanta university, Egypt in 21/12/2003.*
- 2) *Assistant lecturer of veterinary internal medicine, Department of Biochemistry, Faculty of Veterinary medicine, Kafrelsheikh university, Egypt in 12/6/2007*
- 3) *lecturer of infectious diseases, Department of Animal medicine, Faculty of Veterinary medicine, Kafrelsheikh university, Egypt in 26/3/2012 till now.*
- 4) *May2012-April 215 post Dr Fellow at the Roslin Institute, University of Edinburgh,UK*
- 5) *May2015-November 2017 post Dr Fellow at University of Gifu, Japan*

Skills & Quality Assurance Activities

1. *Communication; presentation of papers and own project including group discussions*
2. *Group working; lab work as part of a group co-ordinating multiple steps in class experiments*
3. *Time management; completion of all essays and preparation of PowerPoint presentations on time*
4. *Participated in preparing the self-study of the faculty*

Conferences

1. *First conference of Veterinary Medicine, from Kafr-El-sheikh University, Egypt.*
2. *VTEC Annual Conference October 17th 2013 in Dublin giving talk presentation 'Vaccine Development in cattle '*
3. *Society for general microbiology (www. s g m . a c . u k) Autumn Conference 2–4 September 2013 University of Sussex with poster Salmonella transforms follicle-associated epithelial cells into M cells to promote intestinal invasion and talk (How pathogens subvert cellular phosphate-based regulatory molecules to their own advantage: Salmonella Type III effectors in action)*

4. International Union of Microbiological Societies (IUMS) 2017 Congresses in Singapore from 17 – 21 July 2017 with two poster and one talk

Scientific Awards

International Scientific Publishing Award from Kafrelsheikh University 2012.

Research papers

- 1. D Wang, SP McAteer, AB Wawszczyk, CD Russell, A Tahoun, A Elmi, ... An RNA-dependent mechanism for transient expression of bacterial translocation filaments. *Nucleic acids research* (2018) doi: 10.1093/nar/gky096**
- 2. A Tahoun, K Jensen, Y Corripio-Miyar, S McAteer, DGE Smith, Tom N. McNeilly, David L. Gally & Elizabeth J. Glass (2017). Host species adaptation of TLR5 signalling and flagellin recognition (2017). *Scientific reports* 7 (1), 17677 doi:10.1038/s41598-017-17935-5**
- 3. Tahoun, A., Masutani, H., El-Sharkawy, H., Gillespie, T., Honda, R. P., Kuwata, K., ... & Suzuki, T. (2017). Capsular polysaccharide inhibits adhesion of *Bifidobacterium longum* 105-A to enterocyte-like Caco-2 cells and phagocytosis by macrophages. *Gut Pathogens*, 9(1), 27.**
- 4. El-Sharkawy, H., Tahoun, A., El-Gohary, A. E. G. A., El-Abasy, M., El-Khayat, F., Gillespie, Yukio Kitade., Hafez M. Hafez, Heinrich Neubauer & El-Adawy, H. (2017). Epidemiological, molecular characterization and antibiotic resistance of *Salmonella enterica* serovars isolated from chicken farms in Egypt. *Gut Pathogens*, 9(1), 8.**
- 5. Fernandez-Brando, R. J., Yamaguchi, N., Tahoun, A., McAteer, S. P., Gillespie, T., Wang, D., ... & Gally, D. L. (2016). Type III secretion-dependent sensitivity of *Escherichia coli* O157 to specific ketolides. *Antimicrobial agents and chemotherapy*, 60(1), 459-470.**
- 6. Amin Tahoun, Kirsty Jensen, Yolanda Corripio-Miyar, Sean P McAteer, Alexander Corbishley, Arvind Mahajan, Helen Brown, David Frew, Aude Aumeunier, David G E Smith, Tom N McNeilly, Elizabeth J Glass, David L Gally Functional analysis of bovine TLR5 and association with IgA responses of cattle following systemic immunisation with H7 flagella, *Vet Res.* 2015; 46(1):9.**
- 7. Katherine S H Beckham, James P R Connolly, Jennifer M Ritchie, Dai Wang, Jayde A Gawthorne, Amin Tahoun, David L Gally, Karl Burgess, Richard J**

Burchmore, Brian O Smith, Scott A Beatson, Olwyn Byron, Alan J Wolfe, Gillian R Douce, Andrew J Roe. The Metabolic Enzyme AdhE Controls the Virulence of Escherichia coli O157:H7, Mol Microbiol. 2014 Jul; 93(1):199-211.

8. Amin Tahoun, Simmi Mahajan, Edith Paxton, Georg Malterer, David S Donaldson, Dai Wang, Alwyn Tan, Trudi L Gillespie, Marie O'Shea, Andrew J Roe, Darren J Shaw, David L Gally, Andreas Lengeling, Neil A Mabbott, Jürgen Haas, Arvind Mahajan. Salmonella Transforms Follicle-Associated Epithelial Cells into M Cells to Promote Intestinal Invasion, Cell host and microbe, Volume 12, Issue5 15 November 2012, Pages 645–656.

9. Amin Tahoun, Gabriella Siszler, Kevin Spears, Sean McAteer, Jai Tree, Edith Paxton, Trudi L Gillespie, Isabel Martinez-Argudo, Mark A Jepson, Darren J Shaw, Manfred Koegl, Juergen Haas, David L Gally, Arvind Mahajan Comparative Analysis of EspF Variants in the Inhibition of E. coli Phagocytosis by Macrophages and the Inhibition of E. coli Translocation Through Human- and Bovine-Derived M-cells, INFECTION AND IMMUNITY, 2011, Vol. 79, p. 4716–4729

10. Waleed E. Abou El-Amaiem*, Sabry A. El-khodery and Amin Tahoun Buffalo calves production system in Aga District, Dakahlia Governorate, Egypt: A value chain analysis Asian J Ani Res |Apr-Jun 2013 | Vol-1 | Issue-1

11. Hamdy abou Sheasha(1), Yamen, M. Hegazy(2), Atef F. Oreiby(3), Amin M Tahoun(4), Magdy H. Al-Gaabary(5) (2015). Encephalitic Listeriosis in sheep at Kafrelsheikh Governorate; diagnostic and therapeutic study Kafrelsheikh Vet. Med. J. Vol. 13 No. 2 (2015) (49-66)

12. Amin Tahoun, Medhat Nassif Mohamed, Mohamed H. Nasr, and Ahmed Magdy Hafez, (2005). Clinical and biochemical studies of induced pregnancy toxemia in Does, Zagazig Uni. Journal 2005