

Ayman Goudah Abouzeid, Ph.D., DVM

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<https://www.ncbi.nlm.nih.gov/pubmed/?term=GOUDAH+A>

PROFILE

Pharmacologist with 20 years of pharmacokinetic (ADME), pharmacodynamics (PD), bioavailability (BA), bioequivalence (BE) experience in pharmaceutical research and development and over 15 years of experience in Toxicology, molecular genetics and screening the pharmacological action of new compounds looking for a challenging position studies that I have acquired over the past few years at Cairo University and The Ohio State University. Experienced with working with interdisciplinary, international, multiple site teams to deliver results. Well versed in the critical thinking, decision making, creative problem solving, and computer skills required for scientific research. Enthusiastic interest for acquiring and applying new knowledge and expertise to overcome challenges. Excellent organizational, interpersonal, and communication skills. Awareness of practices required in industrial research to protect intellectual property rights. I Have many publications in excellent journals and also have extensive teaching experience in general and advanced Pharmacology classes and laboratories, for under-graduate, graduate and post-graduate level.

EXPERIENCE

♣ **Professor in Faculty of Health Sciences, Ontario Tech University, Oshawa, Ontario, Canada.**

August 2020 till now.

Teaching HLSC 4310U -Altered Physiology IV-Pharmacological Interactions. How pharmacotherapy influences physiology, and how side effects and drug interactions related to pharmacotherapy may also influence the course of complex chronic conditions.

An overview of the mechanism of action of drugs and toxins that affect the human body in normal and altered states.

♣ **Doctor of Veterinary Medicine. Veterinary Clinical Experience.**

June 1993 to September 2015.

I'm not only work with veterinary practices that deliver veterinary care directly to large animal (beef cattle, Dairy cattle) farmer, but also with the broader animal health industry, including manufacturers and distributors of animal pharmaceuticals and other medical products, as well as providers of business products and services designed for veterinarians and veterinary practices.

I was a member of the research team for several major studies of the veterinary profession (Pfizer Animal Health, Egypt, Medical Professions For Veterinary Products & Fodders Additions Company (MUVCO, Egypt) and Newpharma research center AB (Sweden) (Pharmaswede, Egypt), as well as several studies involving aspects of veterinary practice operations prepared on the behalf of companies in the animal health industry.

♣ **Cairo University (Pharmacology Department)**

Professor

Assistant Professor

Scientist

July 2009 till now.

July 2004 till July 2009.

July 1999 to July 2004.

- **Working under GLP Conditions.**

- Carried out independent and collaborative research projects.
- Pharmacokinetics and Pharmacodynamics of different anti-microbial agents in different animal species.
- Bioavailability (BA), bioequivalence study (BE).
- Pharmacokinetics of endectocide (ivermectin alone and a novel formulation of ivermectin and rafoxanide) in calves and sheep.
- Drug residues of anti-microbial agents in tissues
- Biotransformation of new drugs
- Screening of new chemical compounds using animal techniques
- Screening the toxicological effects of new compounds.
- Tested the biological activity of different chemical compounds.
- Toxicological study.
- Worked on a project titled “Development of new pharmaceutical preparations with insecticidal activity from Egyptian plants” funded from Cairo University, Giza, Egypt.

- ♣ **The Ohio State University, Columbus, Ohio, USA**

Visiting Associate Professor, Division of Medicinal Chemistry and Pharmacognosy, College of Pharmacy. **May 2010- July 2011.**

Worked under GLP Conditions.

Participated in all laboratory and group functions, gaining experience in Analytical work and related areas.

Contributed to an NIH funded research projects.

Worked on two projects “Synthesis and evaluation of amino acid prodrugs of 3-Carboranyl Thymidine Analogues (3-CTAs) for Boron Neutron Capture Therapy (BNCT)” and “Synthesis of N5 and N5-2OH Phosphates”.

My primary focus was to conduct analytical studies for the synthesized compounds and calculate the half-lives for the synthesized compounds in Phosphate Buffer Saline (PBS), Bovine Serum and Bovine Cerebrospinal Fluid (CSF), also investigate the water solubility’s of the amino acid ester pro-drugs, evaluated in Phosphate Buffered Saline at pH 5, pH 6 and pH 7.4.

Scientist, Pharmacology Department, College of Medicine

April 2009 – April 2010.

Worked under GLP Conditions.

Participated in all laboratory and group functions, gaining experience in pharmacogenomics and related areas. Specifically, contributed to a research project focusing on the genetics of cholesterol ester transfer protein (CETP), an important shuttle for cholesterol from HDL to LDL. *CETP* has long been considered a key factor in risk for coronary artery disease, but the genetics of this complex gene have remained enigmatic. I completed a series of genotyping assays in a cohort of 1,500 coronary artery disease subjects, contributing substantively to this research project. The results have helped determine the key defect in *CETP*, and regulatory variants as potential risk factors for CAD, or response to lipid lowering drugs.

- ♣ **Postdoctoral Research**

♠ **Postdoctoral Research-** Facultad de Ciencias Veterinarias, Universidad Nacional del Centro, Campus Universitario, Tandil, **Argentina.** **May 2001-May 2002.**

Worked under GLP Conditions.

Participated in all laboratory and group functions, gaining experience in pharmacokinetics and related areas. Specifically, contributed to a research project focusing on the pharmacokinetics of anthelmintic medication (Albendazole Sulphoxide) in sheep.

EDUCATION

☺ **Diploma, Starting a Business, Elite College, Montreal, Quebec, Canada, 2018.**

I have had my credentials evaluated by World Education Services (WES) (Bachelor, Master and PhD)

☺ **Doctor of Philosophy, Ph.D., Pharmacology, Cairo University, Egypt, 1996-1999**

☺ **Master M.Sc., Pharmacology, Cairo University, Egypt, 1993- 1996**

☺ **B.Sc., Bachelor of Veterinary Sciences, Cairo University, Egypt, 1986-1992**

ANALYTICAL AND R&D SKILLS

☼ **Working Conditions**

Working under GLP Conditions.

☼ **Language**

Excellent communication skills (written and verbal in English & Arabic) and Basic French.

☼ **Pharmacology/Toxicology**

- Provide scientific and strategic leadership on new approaches to diagnostic imaging agent development in line with current guidance.
- Work with other functions to produce fit for purpose documentation.
- Communicate strategy/progress updates to project team and key stakeholders.
- Attend external site visits for project meetings and to monitor key phases of studies.
- Provide leadership, develop research strategy, and coordinate pharmacology activities as the Pharmacology representative to drug discovery teams.
- Design and interpret pharmacology studies to evaluate the activities of drug candidates, investigate their mechanisms of action, and explore novel therapeutic hypotheses.
- Be responsible for communication between the drug discovery team and the pharmacology function and between R&D Leadership and drug the discovery team.
- Formulate data-driven decisions by designing and executing experiments that inform thinking and critical decision making for program teams.
- Focus on developing and executing disease-relevant, in vitro and in vivo experiments to evaluate the efficacy and mode of action of novel drug candidates.
- Prepare, review and deliver scientific presentations for internal/external audience.
- Proven record of scientific achievements demonstrated by publications and presentations.
- Knowledge in pharmacokinetics and pharmacodynamics concepts and data analysis is a plus.
- Independently analyze, interpret data, and present data in internal (lab meetings, journal clubs; leadership meetings) and external settings (collaborator meetings, conferences).
- Maintain accurate, complete, and timely data in laboratory notebooks.
- Strong publication record in peer-reviewed journals.

☼ **SCIENTIFIC WRITING**

◆ Perform literature, data searches/reviews as necessary to obtain background information for review and preparation of study-related documents.

◆ (e.g., abstract, journal and review article), poster board construction and presentation.

☀ **COMPUTER PROFICIENCY**

- ◆ Microsoft Office package (Microsoft Word, Excel, Access, Publisher, PowerPoint, and Outlook).
- ◆ Internet and e-mail.
- ◆ Scientific data retrieval from various Internet portals like Google, Scimedirect, Pubmed, , Scirus...etc
- ◆ Graphics (Adobe Photoshop, Adobe Illustrator and CorelDraw), EndNote.
- ◆ Prism, GraphPad InStat, Micocal Origin, SPSS.
- ◆ PK modeling software (WinNonlin, R Strip, PK Solutions).
- ◆ Toxicological Study TK.
- ◆ PK Modeling (Physiologically Based Pharmacokinetic (PBPK) modeling, Pharmacokinetic/Pharmacodynamic (PK/PD) Model, bioavailability, bioequivalence, Compartmental Pharmacokinetic Models, Individual and Population PK.

☀ **LAB EXPERIENCE**

- ◆ Working under GLP Conditions.
- ◆ Basic Lab Skills
- ◆ Literature screening
- ◆ Develop analytical HPLC techniques for drug analysis, sample extraction.
- ◆ Molecular/biochemical assays: DNA and RNA extraction, agarose and polyacrylamide gel electrophoresis, gel extractions, DNA sequencing analysis, standard and real-time RT-PCR and DNA methylation studies, epigenetics, prepare solutions and reagents, detailed recording of events, organized and thorough data analysis
- ◆ Expertise in animals (rodents, Rabbits.....etc) in performing pharmacological evaluation of new therapeutic candidates including surgical and anesthesia methods as well as other routine animal handling and procedural skills (drug administration (e.g. Oral, i.p., s.c., i.v.), locomotor activity, drinking suppression, measurements of anti-nociception (e.g. hot plate tail flick), Anti-inflammatory, diuretic activity, anti-gastric ulcer, anti-pyretic, anticonvulsantetc).
- ◆ Perform clinical sign assessment of well-being (weight monitoring, visual inspection.....etc).
- ◆ Collection of biological samples:
 - Blood and/or biological fluids collection.
 - Organ harvesting (with or without perfusion).
- ◆ Set up a study and follow the experimental protocols requirements. Perform technical activities and collect any relevant data sets. Follow Standard Operating Procedures (SOP) and Good Laboratory Practices (GLP) regulations in order to maintain the high quality standards of the enterprise.
Dealing with (Rodents (Rats & Mice), Dogs, Pigs, Rabbits, Guinea pigs, Monkey.....etc). Blood sampling, Drug Administration, Clinical Observation, Body weight measurement, food/water intake, Animal Husbandry....etc.
- ◆ Design and conduct of bioavailability and bioequivalence studies.
- ◆ Working knowledge of pharmacokinetic and statistical software.
- ◆ Bioavailability (BA), bioequivalence study (BE).
- ◆ Toxicological study.

LIST OF PUBLICATIONS

I have many publications in excellent journals (**Goudah A**)

<https://www.scopus.com/authid/detail.uri?authorId=6602935088>

71- Abo-EL-Sooud, K., A. M. Soliman, **A. Goudah**, and S. F. Sobhy.
Comparative serum concentrations and pharmacokinetics of levofloxacin and danofloxacin in broiler chickens.

Wulfenia Journal (2017), 24 (1), 225-237.

70- Said Fatahala S, Hasabelnaby S, **Goudah A**, Mahmoud GI, Helmy Abd-El Hameed R.
Pyrrole and Fused Pyrrole Compounds with Bioactivity against Inflammatory Mediators.
Molecules. (2017), 22(3), 461.

69- **A. Goudah**, S. Hasabelnaby

Plasma and Tissue Disposition of Moxifloxacin in Japanese Quail (*Coturnix japonica*).

Journal of Avian Medicine and Surgery. (2016), 30(2),103-110.

68- Hasabelnaby S, Mohi El-Deen EM, **Goudah A**.

Novel 4- Aryl-2(1H)-phthalazinone Derivatives as Cyclooxygenase-2 Inhibitors: Synthesis, Molecular Modeling Study and Evaluation as Promising Anti-inflammatory Agents.

Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry. (2015), 14(3),148-163.

67- **A. Goudah**, Abo-EL-Sooud, K. and M. M. A. Yousef

Acute and subchronic toxicity assessment model of *Ferula assa-foetida* gum in rodents.

Veterinary World (2015), 8(5), 584-589.

66- Shalaby, M.A., **Goudah, A.**, Gihan. M Kamel, Hassan A. Shaheen

Disposition kinetics of cefquinome in healthy rabbits following intramuscular and oral administration.

World Journal of Pharmacy and Pharmaceutical Sciences (2015), 4 (1), 263-274.

65- El-Haggar, R., Abdel-Rasheed, O. A., Nasr, T., Ali, H. I., **Goudah, A.**, & Abotaleb, N.
Synthesis, evaluation and molecular docking studies for the anti-inflammatory activity of novel 8-substituted-7-benzoyloxy-4-methyl-6-nitrocoumarin derivatives.

African Journal of Pharmacy and Pharmacology (2014), 8(48), 1213-1227.

64- **A. Goudah**, S. Hasabelnaby

Plasma disposition and tissue residue of Moxifloxacin in Japanese quails (*Coturnix japonica*) following different routes of administration.

British Poultry Science (2014), 55, 693-698.

63- **A. Goudah**, S. Hasabelnaby

Pharmacokinetics of tulathromycin in rabbits after single intravenous and intramuscular administration.

Research Journal of Animal Sciences (2014), 8, 12-17.

62- Shymaa A. El Badawy, Aziza M.M. Amer, Peter D. Constable, **A.M. Goudah**

Effect of tulathromycin on abomasal emptying rate in healthy lactating goats

Small Ruminant Research (2014), 121, 395-399.

- 61- Abo-EL-Sooud, K., **A. Goudah**, and M. M. A. Yousef
The antinociceptive and anti-inflammatory activities of ferula assafoetida gum in rodent model.
Natural Products An Indian Journal (2014), 10 (1), 22-26.
- 60- Yang, A., A. M. Abd El-Aty, J. - H. Park, **A. Goudah**, M. M. Rahman, J. - A. Do, O. - J. Choi,
and J. - H. Shim.
Analysis of 10 systemic pesticide residues in various baby foods using liquid chromatography–
tandem mass spectrometry.
Biomedical Chromatography (2014), 28 (6), 735–741.
- 59- Park, S. I., J. - H. Park, A. - Y. Ko, A. M. Abd El-Aty, **A. Goudah**, J. Jang, M. M. Rahman, M.
R. Kim, and J. - H. Shim.
Optimization of supercritical fluid extraction method for detection of fluquinconazole and
tetraconazole in soil using gas chromatography and confirmation using GC-MS: application to
dissipation kinetics.
Biomedical Chromatography (2014), 28 (6), 774–781.
- 58- Sjuvarsson E, Damaraju VL, Mowles D, Sawyer MB, Tiwari R, Agarwal HK, Khalil A,
Hasabelnaby S, **Goudah A**, Nakkula RJ, Barth RF, Cass CE, Eriksson S, Tjarks W.
Cellular influx, efflux, and anabolism of 3-carboranyl thymidine analogs: Potential boron delivery
agents for neutron capture therapy.
Journal of Pharmacology and Experimental Therapeutics (2013), 347 (2), 388-397.
- 57- **Ayman Goudah**, Sherifa Hasabelnaby
Pharmacokinetics and milk penetration of ceftazidime after intravenous and intramuscular
injections to dromedary lactating camels.
Journal of the American Veterinary Medical Association (2013), 243, 424-429.
- 56- A.M.M. Amer, P.D. Constable, **A.Goudah**, S.A. El Badawy
Pharmacokinetics of tulathromycin in lactating goats
Small Ruminant Research (2012), 108, 137-143.
- 55- S. Hasabelnaby, **A. Goudah**, H.K. Agarwal, M.S.M. Abd alla, W. Tjarks
Synthesis, Chemical and Enzymatic Hydrolysis of Amino Acid Ester Prodrugs of 3-Carboranyl
Thymidine Analogues for Boron Neutron Capture Therapy of Brain Tumors.
European Journal of Medicinal Chemistry (2012), 55, 325-334.
- 54- Tiwari, R; Toppino, A; Agarwal, H; Huo, T; Byun, Y; Gallucci, J; Hasabelnaby, S; Khalil, A;
Goudah, A; Baiocchi, R; Darby, M; Barth, R; Tjarks, W
Synthesis, Biological Evaluation, and Radioiodination of Halogenated closo-Carboranyl Thymidine
Analogue.
Inorganic Chemistry (2012), 51 (1), 629-639.
- 53- Mosaad Sayed Mohamed, **Ayman Goudah Mostafa** and Rania Helmy Abd El-hameed
Evaluation of the anti-inflammatory activity of novel synthesized pyrrole, pyrrolopyrimidine and
spiropyrrolopyrimidine derivatives
Pharmacophore (2012), 3 (1), 44-54.

52- Sherifa M. Hasabelnaby, **Ayman Goudah**, Hitesh K. Agarwal, Mosaad M. Abdella and Werner Tjarks

Synthesis, stability and solubility studies of the amino acid prodrugs of 3-Carboranyl Thymidine analogues (3-CTAs) for Boron Neutron Capture Therapy (BNCT).

MAGSS 2011, Duquesne University, Pittsburgh USA, PA 15282, 26th-28th June 2011.

51- Sherifa M. Hasabelnaby, **Ayman Goudah**, Hitesh K. Agarwal, Mosaad M. Abdella and Werner Tjarks

Synthesis and stability studies of Water-Soluble Amino Acid Prodrugs of 3-Carboranyl Thymidine Analogues (3-CTAs) for Boron Neutron Capture Therapy (BNCT).

Ohio State University, USA, College of Pharmacy, Research Day, 17th May 2011.

50- **A. Goudah**, S. Hasabelnaby

The disposition of marbofloxacin after single dose intravenous, intramuscular and oral administration to Muscovy ducks

Journal of Veterinary Pharmacology and Therapeutics (2011), 34, 197-201.

49- H.A. El-Banna, **A. Goudah** and H. El-Zorba

Comparative Bioequivalence Study of Three Formulations of Enrofloxacin in Sheep

Drug Metabolism Letters (2011), 5, 85-91.

48- Sherifa M. Hasabelnaby, **Ayman M. Goudah**, Hitesh K. Agarwal, Mosaad M. Abdalla and Werner Tjarks

Synthesis of Water-Soluble Amino Acid Ester Prodrugs of 3-Carboranyl Thymidine Analogues (3-CTAs) and Study Their Hydrolysis for Boron Neutron Capture Therapy (BNCT).

Ohio State University, USA, College of Pharmacy, Prospective Graduate Student Visit, February 3-5, 2011 (4th February 2011).

47- Werner Tjarks, Hitesh K. Agarwal, Rohit Tiwari, Sherifa M. Hasabelnaby, **Ayman M. Goudah**, Kevin G. Ricks, Michael V. Darby, Antonio Toppino, Elena Sjuvarsson, Mosaad M. Abdalla and Staffan Eriksson

Synthetic Studies on 3-Carboranyl Thymidine Analogues (3CTAs) for Boron Neutron Capture Therapy (BNCT).

IRT 2010 - XIX International Round Table on Nucleosides, Nucleotides and Nucleic Acids, Lyon France - 29th August - 3rd September 2010.

46- Sherifa M. Hasabelnaby, **Ayman M. Goudah**, Hitesh K. Agarwal, Rohit Tiwari, Mosaad M. Abdalla and Werner Tjarks

Synthesis and Stability Analysis of Amino Acid Ester Prodrugs of 3-Carboranyl Thymidine Analogues (3-Ctas) for Boron Neutron Capture Therapy (BNCT).

Ohio State University, USA, College of Pharmacy, Research Day, 25th May 2010.

45- **A. Goudah**, S. Hasabelnaby

Disposition Kinetics of Levofloxacin in Sheep after Intravenous and Intramuscular Administration.

Veterinary Medicine International (2010), vol. 2010, Article ID 727231, 6 pages.
doi:10.4061/2010/727231.

- 44- **A. Goudah**, S. Hasabelnaby
Pharmacokinetics, plasma protein binding and bioavailability of moxifloxacin in Muscovy ducks after different routes of administration
Research in Veterinary Science (2010), 88, 507-511.
- 43- Mosaad S. M. Abd alla, Mohamed I. Hegab, Nageh A. Abo Taleb, Sherifa M. Hasabelnaby, and **A. Goudah**
Synthesis and anti-inflammatory evaluation of some condensed [4-(3,4-dimethylphenyl)-1(2H)-oxo-phthalazin-2-yl] acetic acid hydrazide
European Journal of Medicinal Chemistry (2010), 45, 1267-1277.
- 42- **A. Goudah**, S. Hasabelnaby
Pharmacokinetics and Bioavailability of Moxifloxacin in Calves following different routes of administrations
Chemotherapy (2010), 56, 26-31.
- 41 - Abo el-sooud, K., **Goudah, A**
Influence of *Pasteurella multocida* infection on the pharmacokinetic behavior of marbofloxacin after intravenous and intramuscular administrations in rabbits
Journal of Veterinary Pharmacology and Therapeutics (2010), 33, 63- 68.
- 40- K. Abo EL-Sooud; H.A. EL-Banna; M.S.M. Hanafy and **A. Goudah**
Pharmacokinetics and urinary excretion of flucloxacillin in goats
8th Arab Conference for the Prudent Use of Antibiotics, Lattakia, Tishreen University, Syria- 3-5 October 2010.
- 39 - **A. Goudah**, S.M Mouneir
Disposition kinetics and Tissue Residues of Danofloxacin in Muscovy Ducks
British Poultry Science (2009), 50, 613-619.
- 38 - **A. Goudah**, H.C. Shin, J. S. Kim, B. J. Chang, J.H. Shim & A. M. Abd El-Aty
Evaluation of single-dose pharmacokinetics of cefepime in healthy bull camels (*Camelus dromedaries*)
Journal of Veterinary Pharmacology and Therapeutics (2009), 32, 393–396.
- 37 - **A. Goudah**, H. J. Cho, H.C. Shin, J.H. Shim, N. L. Regmi, M. Shimoda & A. M. Abd El-Aty
Pharmacokinetics and milk distribution characteristics of orbifloxacin following intravenous and intramuscular injection in lactating ewes
Journal of Veterinary Pharmacology and Therapeutics (2009), 32, 338–344.
- 36 - **A. Goudah**
Pharmacokinetics of levofloxacin in male camels (*Camelus dromedarius*)
Journal of Veterinary Pharmacology and Therapeutics (2009), 32, 296- 299.
- 35 - **A. Goudah**
Pharmacokinetics and tissue residues of moxifloxacin in broiler chickens
British Poultry Science (2009), 50, 251- 258.

34 - A. M. Abd El-Aty, J. H. Choi, M. W. Ko, S. Khay, **A. Goudah**, H.C. Shin, J. S. Kim; B. J. Chang, C. H. Lee

Approaches for application of sub and supercritical fluid extraction for quantification of orbifloxacin from plasma and milk: application to disposition kinetics
Analytica Chimica Acta (2009), 631, 108- 115.

33 - Abo el-sooud, K., **Goudah, A**

Pharmacokinetics and intramuscular bioavailability of difloxacin in dromedary camels (*Camelus dromedarius*)

The Veterinary Journal (2009), 179, 282- 286.

32 - **A. Goudah** and K. Abo-EL-Sooud

Pharmacokinetics, urinary excretion and milk penetration of levofloxacin in lactating goats
Journal of Veterinary Pharmacology and Therapeutics (2009), 32, 101-104.

31 - **Goudah, A.**, Shah, S.S., Shin, H.C., Shim, J.H & Abd El-Aty, A. M.

Concentration-time courses of pefloxacin in plasma and milk of she-camels (*Camelus dromedaries*)
Berliner und Münchener Tierärztliche Wochenschrift (2008), 121, 432-439.

30 - S. Khay, J. H. Choi, A. M. Abd El-Aty, M. I. R. Mamun, B. J. Park, **A. Goudah**, H. C. Shin, J. H. Shim

Dissipation Behavior of Lufenuron, Benzoylphenylurea Insecticide, in/on Chinese Cabbage Applied by Foliar Spraying Under Greenhouse Conditions

Bulletin of Environmental Contamination and Toxicology (2008), 81, 369- 372.

29 - **Goudah, A.**, Abo El-Sooud, K., Shim, J. H., Shin, H. C., Abd El-Aty, A. M.

Characterization of the pharmacokinetic disposition of levofloxacin in stallions after intravenous and intramuscular administration

Journal of Veterinary Pharmacology and Therapeutics (2008), 31, 399- 405.

28 - **A. Goudah**, S.M Mounair

Comparative pharmacokinetics of difloxacin in goat kids and lambs

Small Ruminant Research (2008), 78, 186-192.

27 - Khay S, Abd El-Aty AM, Cho SK, Choi JH, Mamun MI , **Goudah A**, Shin HC, Shim JH.

Development of extraction procedures for the determination of imidacloprid: application to residue analysis and dynamics of two formulations in Chinese cabbage

Biomedical Chromatography (2008), 22, 581–589.

26 - **Goudah, A.**, Abo el-sooud, K

Pharmacokinetics and milk penetration of orbifloxacin after intravenous and intramuscular injections to Dromedary lactating camels (*Camelus dromedaries*)

Journal of Veterinary Pharmacology and Therapeutics (2008), 31, 276-280.

25 - H.A. El-Banna, **A. Goudah**, H. El-Zorba, S. Abd- El-Rahman

Comparative pharmacokinetic of ivermectin alone and a novel formulation of ivermectin and rafoxanide in calves and sheep

Parasitology Research (2008), 102, 1337- 1342.

24 - **Goudah. A**

Disposition kinetics of moxifloxacin in lactating ewes
The Veterinary Journal (2008), 178, 282-287.

23 - **Goudah. A**

Pharmacokinetic parameters of Ceftriaxone after Single Intravenous and Intramuscular Administration in Camels (*Camelus Dromedarius*)
Research in Veterinary Science (2008), 84, 483- 489.

22 - Hee-Jung Cho, A. M. Abd El-Aty, **A. Goudah**, Gi-Min Sung, Hee Yi, Dong-Cheol Seo, Jin-Suk Kim, Jae-Han Shim, Ji-Yoon Jeong, Soon-Ho Lee, Ho-Chul Shin.

Monitoring of fluoroquinolone residual levels in chicken eggs by microbiological assay and confirmation by liquid chromatography.
Biomedical Chromatography (2008), 22, 92- 99.

21 - **A. Goudah**, S. Sher Shah, H. C. Shin, J. H. Shim and A. M. Abd el-aty

Pharmacokinetics and Mammary Residual Depletion of Erythromycin in Healthy Lactating Ewes
Journal of Veterinary Medicine Series A. (2007), 54, 607- 611.

20- Abd El-Aty, A. M., **Goudah, A.**, Shah, S.S., Shin, H.C., Shimoda, M., Shim, J.H
Pharmacokinetic variables of moxifloxacin in healthy camels following intravenous and intramuscular administration

Journal of Veterinary Pharmacology and Therapeutics (2007), 30, 586- 591.

19 - **Goudah. A**

Pharmacokinetic of Ceftiofur after Single Intravenous and Intramuscular Administration in Camels (*Camelus Dromedarius*)

Journal of Veterinary Pharmacology and Therapeutics (2007), 30, 371- 374.

18 - **Goudah, A.**, Abd el-aty, A.M., Regmi, L.N., Shin, HC., Shimoda, M., Shim, J.H.

Single-Dose pharmacokinetics of Marbofloxacin in Egyptian Buffalo (*Bubalus bubalis L.*) Steers
Berliner und Münchener Tierärztliche Wochenschrift. (2007), 120, 215-220.

17 - A. M. Abd El-Aty, **A. Goudah**, S. M. Mouneir, Y. E. Sunwoo, J. H. Jang, J. G. Shin, J. H. Shim, M. Shimoda.

Acute phase response alters the disposition kinetics of cefepime following intravenous administration to rabbits.

Veterinary Research Communications (2007), 31, 67- 75.

16 - Sahar S. Abd El-Rahman, **Goudah, A.**

Histogenesis and characterization of skin tumors in BULB/C and SWISS mice induced topically by 7, 12 Dimethylbenz(a) anthracene.

Egyptian Journal of Comparative Pathology and Clinical Pathology (2006), 19, 11-23.

15 - **Goudah, A**, Shin HC, Shim JH, Abd El-Aty AM.

Characterization of the relationship between serum and milk residue disposition of ceftriaxone in lactating ewes.

Journal of Veterinary Pharmacology and Therapeutics (2006), 29, 307- 312.

- 14 - **Goudah, A**, Mouneir SM, Shim JH, Abd El-Aty AM.
Influence of endotoxin induced fever on the pharmacokinetics of intramuscularly administered cefepime in rabbits.
Journal of Veterinary Science (2006), 7, 151-155.
- 13 - Aziza, M. M. Amer., Gehan, M. Kamel ., **A. Goudah**.
Impact of oxy-nil as antimycotoxin on the disposition kinetics of lincomycin in broiler chickens.
Veterinary Medical Journal (Giza) (2005), 53, 889-899.
- 12 - Abd El-Aty, A. M., **Goudah, A.**, M. Ismail, Shimoda M.
Disposition kinetics of difloxacin in rabbit after intravenous and intramuscular injection of Dicural.
Veterinary Research Communications (2005), 29, 297- 304.
- 11 - A. M. Abd El-Aty, **A. Goudah**, K. Abo El-Sooud, H. Y. El-Zorb, M. Shiomd, Hong-Hao Zhou.
Pharmacokinetics and bioavailability of florfenicol following intravenous, intramuscular and oral administrations in rabbits.
Veterinary Research Communications (2004), 28, 515- 524.
- 10 - K. Abo El-Sooud; **A. Goudah**, Abd El-Aty, A. M.
Lack of Pharmacokinetic Interaction between Lincomycin and Aspirin in Healthy Goats.
Journal of Veterinary Pharmacology and Therapeutics (2004), 27, 389-392.
- 9 - Abd el-aty AM., **Goudah A.**, Zhou HH.
Pharmacokinetics of doxycycline after administration as a single intravenous bolus and intramuscular doses to non lactating Egyptian goats.
Pharmacological Research (2004), 49, 487-491.
- 8 - **Goudah, A.**, Abo el-sooud, K., Abd el-aty, A. M.
Pharmacokinetics and tissue residue profiles of erythromycin in a broiler chickens after different routes of administration.
Deutsche Tierärztliche Wochenschrift (2004), 11, 162-165.
- 7 - **A. Goudah**
Aspects of the Pharmacokinetics of Albendazole Sulphoxide in Sheep.
Veterinary Research Communications (2003), 27, 555- 566.
- 6- AbdEl-Aty Mostafa, **Ayman Goudah**, Mohamed Ismail and Hong-Hao Zhou.
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